Lancaster Farming
Serving The Central and Southeastern Pennsylvania Areas
VOL. 24 No. 30 | Lancaster Farming, Saturday, May 26, 1979 | $6.00 Per Year

# Gasohol will soon be available

By DIETER KRIEG

GLENSIDE — Gasohol may soon be available in southeastern and southcentral Pennsylvania, according to Buzz Marcus, a Philadelphia area automobile dealer who has gained exclusive distribution rights in five Middle Atlantic States. The gasohol will flow, he says, as soon as he has fuel distributors contracted to handle the gasohol.

Marcus, a partner in Mar-Cam Industries, has been involved with gasohol for about a year. His partner, Mo Campbell, has been one of the nation's leading promoters of gasohol and has driven a gasohol-fueled Toyota to virtually every part of the country. The first gallon of alcohol was poured into the tank by Senators Frank Church and Charles Percy last Summer.

Both Campbell and Marcus are also active in the automobile racing circuit, including such major tracks as Daytona, Sebring, and Watkins Glen. They are using their knowledge and experience of engines and are coupling it to gasohol.

Marcus and Campbell expect to have 15 million gallons of gasohol available during their first year of operation. They claim that the fuel will increase mileage performance by 3½ to 14 per cent.

What does all this mean to the farmer?

According to Marcus and Campbell, as well as numerous others, farmers will have an additional market for their crops - thus enhancing their potential for income and profits. Gasohol is made from a mixture of 10 per cent alcohol and 90 per cent gasoline. The alcohol is likely to be derived from crops such as corn, wheat, or barley, although sugar, wood, and even garbage may also be used.

Presently, every state in the union is working on legislation to exempt gasohol from state fuel taxation. Congress and the United States Department of Agriculture, farm organizations (notably the American Agriculture Movement) and countless private citizens and businesses are also jumping on the gasohol bandwagon.

Marcus says there is no question in his mind that the energy crunch is real and that it will be with us for a long time, if not forever. Also, he believes that the United States is still in a cheap fuel situation. Gasohol, he believes, can help to keep the energy supply flowing, with farmers having a major stake in the process.

Primary opposition to gasohol is coming

(Turn to Page 19)

# Farms not adversely affected by radiation

By DIETER KRIEG

YORK — "Radioactivity and the York County Farmer" was the subject of a meeting held here Thursday evening at York College. Organized by York County Agent John Smith, the event attracted a crowd of 250, and featured spokesmen from Pennsylvania State University and the University of Pennsylvania.

In wake of the nuclear accident on Three Mile Island, and the more recent publicity of cattle dying on a farm located within the 5-mile radius of the atomic plant, the discussions were designed to be purely educational, Smith emphasized on several occasions.

Addressing themselves the the subject: "Radiation and the York County Farmer" were Dr. Milford Heddleson, soil scientist and coordinator of environmental programs at Penn State; Dr. David Kornfeld, professor of veterinary medicine at the University of Pennsylvania; and Dr. Roger Granlund, health physicist from Penn State.

Dr. Roger Granlund

Dr. David Kornfeld

Dr. Milford Heddleson

While not denying that the Three Mile Island incident was serious and could have resulted in catastrophic consequences, Granlund emphasized that dangerous levels of radioactive matter were contained and no harmful effects resulted. The educator pointed out that the total dosages of the week-long ordeal, even within the closest proximity, would not have been more than the annual dosage normally received from background radiation.

Granlund warned, however, that while the Three Mile Island crisis was over once the reactor vessel was brought under control, the problem itself is far from over.

(Turn to Page 19)

# Slaughter steers slightly higher this week

By KENDACE BORRY

LITITZ — Slaughter steer prices at Lancaster County auctions finished this week steady to slightly higher, follwing a drop in last week's slaughter market prices.

Starting the week off on Monday, at the Lancaster Stockyards, compared to the previous Wednesday, slaughter steers were 50 cents to $1.00 higher, with instances of $1.50 higher on Choice steers.

High Choice and Prime slaughter steers, yield grade 3 and 5, weighing 1150 to 1390 pounds brought 73.10 to 75.00 per hundredweight, with a few Choice 2 at 1075 to 1350 lbs. going for 74.50 to 75.85. Choice yield grade 2 to 4, weighing 1000 to 1400 lbs. went for $71.75 to 74.25, with a few reaching 74.25 to 74.85. High Good and low Choice, yield grade 2 to 3, brought 70.75 to 72.50; with Good, yield grade 2 to 3, bringing 69.00-72.00.

At the Vintage Sales Stables in Paradise, at their Tuesday sale, compared to the week before, slaughter steers were uneven, with a few early sales weak to 25 cents lower although later sales were 50 to 75 cents higher.

High Choice and Prime, yield grade 3 to 4, weighing 1075 to 1375 lbs. brought 74.75 to 76.85; with Choice, mainly yield grade 2, at 1075 to 1400 lbs. bringing 76.00 to 77.00, and 14 head going for 77.00 to 77.85. Choice yield grade 2 to 4, at 1000 to 1350 lbs. went for 73.25 to 76.50, with a few early sales bringing 72.50 to 73.25. High Good and low Choice, yield grade 2 to 3, brought 71.50 to 73.75.

At the Lancaster Stockyards Wednesday sales, compared to Monday slaughter steers were fully steady, with instances of 50 cents higher on early sales.

High choice and Prime slaughter steers, yield grade 3 to 4, weighing 1100 to 1300 lbs. brought 73.50 to 75.35; Choice, mainly yield grade 2,

(Turn to Page 23)

# Orchardists predict good fruit pickin's

By JOAN LIESAU

Orchardists are using adjectives such as "good, super" and "terrific" to describe their fruit crops so far this season in Lancaster and bordering counties. Some minor damage did occur in several peach strains, but all in all, producers reported excellent bloom and the season as being on schedule.

Tom Styer of Styer Orchards, Langhorn, reported having a "super crop of apples." Because of the good weather and bee activity, Styer said the apples had a heavy bloom. He also contributed it to a light crop in 1978. Strong, heavy and large blossoms are reported in the orchard with Stayman Winesap as "very heavy."

Bob Hodge, president of Highland Orchards, Inc., Chester County, said it was a cold Winter, but buds weren't lost. "We have excellent bloom across the board...apples, peaches, cherries and pears," he said. Hodge added that the first set was a "little sporatic." "Frankly, I was suprised it was not better," he said. Hodge reported this year showed the largest number of bees available. Although there was "ample fruit set, it was not as high as I thought."

Hodge said he lost a few peach strains "because they can't make it through Pennsylvania Winters." Ray L. Kirkpatrick, manager of Hershey Orchards, Hershey, reported that certain varieties of their peaches "look a little light. Certain varieties, however, look really good and we won't have to thin them" he added. Styer is expecting 75 per cent of a full crop, with all varieties in consideration. "I'm looking for a good peach crop, not a bumper one," he said. Groff said that his peaches are looking consistently better than they did last year. He predicted about a 90 per cent crop, "much improved over last year's 65 per cent picked."

The cherry crop "looks real good" to most of the producers. Kirkpatrick is expecting 80 to 85 per cent of the orchards sour cherry crop and a 70 per cent sweet cherry crop. Groff said he saw a "little Winter kill" on his cherries, but the crop still looks fairly good. He expects the same cherry crop or, less than last year. Styer reported cherries as being in "very heavy bloom."

Most reported pears, plums and grapes as looking good. Groff expects as many, or more pears then last year.

Bugs "have not been a problem, so far," commented Groff. He explained, as most others did, "we have had a good spray coverage before the rain," and don't expect disease to be a problem.

"If everybody has as many apples, and we all have a good crop, I would say apple prices won't be any higher than last year," commented Kirkpatrick. Hodge is "hoping returns will keep pace." Groff felt the prices of fruit will be "the same or slightly higher" than last year. "I'm inclined to doubt a big yield will depress the prices. I think it will hold the line or, go up slightly." Groff didn't see a substantial change in prices from last year.

The supply of fuel to orchardists appears good so far. Many have planned years ahead for the energy situation, going to smaller, diesel run tractors, smaller dwarf trees and smaller sprayers. Groff said he has doubled the size of his or-

(Turn to Page 23)

## In this issue


| | | | |
|---|---|---|---|
| Farm Calendar | 10 | Joyce Bupp | 94 |
| Editorials | 10 | Kendy's Kollumn | 105 |
| New potato | 44 | Life on the farm | 108 |
| Classifieds | 45 | Rising grain prices | 112 |
| Homestead Notes | 82 | Farm Women rally | 114 |
| Jr. Cooking Edition | 84 | York DHIA | 122 |
| Home on the Range | 86 | Forage Day | 126 |
| Ida's Notebook | 94 | Cumberland DHIA | 137 |

# Livestock market and auction news

## Lancaster Market

**Lancaster, Pa.**
**Mon., May 21, 1979**

| | Cattle | Calves | Hogs | Sheep |
|---|---|---|---|---|
| Today | 894 | 58 | 1252 | 154 |
| Last Monday | 1069 | 81 | 967 | 137 |
| Last Year | 1012 | 151 | 831 | 94 |
| Monday's Auction | 888 | 59 | 1138 | 154 |
| Last Monday's Auction | 1058 | 84 | 983 | 189 |

CATTLE: Compared to last Wednesday slaughter steers 50-1.00 higher, instances 1.50 higher on Chioce; slaughter heifers 50-75 higher; cows mostly steady; bullocks 1.00-2.00 higher; bulls 2.00-3.00 higher.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1390 lbs. 73.10-75.00; few Chioce 2 1075-1350 lbs. 74.50-75.85; Choice 2-4 1000-1400 lbs. 71.75-74.25, few 74.25-74.85; high Good and low Choice 2-3 70.75-72.50; Good 2-3 69.00-72.00, couple lots Good 1350-1450 lbs. Holsteins 68.10-69.50; Standard and low Good 64.00-68.00.

SLAUGHTER HEIFERS: Choice 2-3 850-1050 lbs. 69.25-72.25; Good 2-3 850-1075 lbs. 64.25-69.00.

COWS: Utility and Commercial 1-3 57.00-61.00, few 62.00-65.00; Cutter 1-2 55.25-59.75; Canner and low Cutter 52.00-55.50.

BULLOCKS: Choice 1000-1350 lbs. 67.00-70.25, couple 70.50-71.50; Good 1000-1250 lbs. 66.00-68.75.

BULLS: Yield grade 1 1100-1700 lbs. 70.00-74.25, couple 1485-1690 lbs. 82.35-84.50; yield grade 2 1000-1375 lbs. 65.75-69.75.

VEAL CALVES: Small supply vealers mostly steady.

VEALERS: Few Choice 140-300 lbs. 120.00-130.00; high Good and low Choice 120-240 lbs. 105.00-118.00, 90-120 lbs. 95.00-111.00.

SHEEP: Spring lambs 1.00-3.00 higher; slaughter ewes fully steady.

SPRING LAMBS: Couple lots Good and Choice 25-30 lbs. 108.00-111.00; Choice 75-95 lbs. 75.00-85.00, one lot 70 lbs. 95.00; few Good 60-85 lbs. 70.00-78.00.

SLAUGHTER EWES: Utility and Good 28.00-42.00.

## Vintage Livestock

**Paradise, Pa.**
**Tuesday, May 22, 1979**

| | Cattle | Calves | Sheep |
|---|---|---|---|
| Today | 1046 | 410 | 43 |
| Last Tuesday | 1069 | 390 | 48 |
| Last Year | 892 | 345 | 17 |

CATTLE: Compared to last Tuesday slaughter steers uneven, few early sales weak to 25 lower although later sales 50-75 higher; slaughter heifers firm to 50 higher; cows 50-1.00 lower although few sales Cutter and Utility mostly steady; bulls 1.00-2.00 higher. Supply included 75 per cent slaughter steers and 18 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1375 lb. 74.75-76.85; Choice mainly 2 1075-1400 lb 76.00-77.00, 14 head 77.00-77.85; Choice 2-4 1000-1350 lb. 73.25-76.50, few early 72.50-73.25; high Good and low Choice 2-3 71.50-73.75; Good 2-3 69.50-72.00; Standard 1-2 65.50-69.50.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 71.00-72.60; Good 2-3 850-1100 lb. 65.50-69.50.

COWS: Utility and Commercial 1-3 57.50-61.25, few 61.25-63.50, couple 65.25-66.00; Cutter 1-2 55.50-58.50, few 58.50-60.00; Canner and low Cutter 50.75-55.75.

BULLS: Yield grade 1 1100-1800 lb. 70.00-72.50, couple 74.00-75.75; yield grade 2 1000-1350 lb. 66.00-69.50.

VEAL CALVES: Vealers mostly steady. Supply included 225 in graded sale of which 65 per cent sold to return to farm.

VEALERS: Few Prime 290-320 lb. 114.00-124.00; Choice 160-300 lb. 110.00-121.00; high Good and low Choice 120-180 lb. 93.00-110.00, 90-120 lb. 95.00-104.00, 70-90 lb. 77.00-98.00, few 55-70 lb. 69.00-74.00.

SLAUGHTER CALVES: Good and Choice 260-425 lb. 80.00-95.00.

RETURNED TO FARM: 25 head 90-115 lb. Holstein heifers 190.00-214.00; 19 head 120-125 lb. Holstein bulls 129.00, 100 head 90-115 lb. Holstein bulls 149.00-159.00.

SHEEP: Spring lambs steady; slaughter ewes firm to 5.00 higher.

SPRING LAMBS: Choice 65-100 lb. 78.00-85.00.

SLAUGHTER EWES: Few Utility 34.00-38.00.

## Lancaster Auction

**Lancaster, Pa.**
**Wednesday, May 23, 1979**

| | Cattle | Calves | Hogs | Sheep |
|---|---|---|---|---|
| Today | 1586 | 32 | 1032 | 4 |
| Last Wednesday | 1145 | 58 | 1028 | 3 |
| Last Year | 1313 | 51 | 1243 | 2 |
| Wednesday's Auction | 1564 | 34 | 1183 | 4 |
| Last Wednesday's Auction | 957 | 55 | 1143 | 3 |

CATTLE: Compared to Monday slaughter steers fully steady, instances 50 higher on early sales; slaughter heifers fully steady; cows firm to 1.00 higher, instances 1.50 higher on Commercial; bullocks firm to 1.00 higher; bulls steady.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1300 lb. 73.50-75.35; Choice mainly 2 1100-1375 lb. 74.75-76.00, few head 76.75-77.25; Choice 2-4 1000-1350 lb. 71.75-74.75, few lots 74.75-75.10; high Good and low Choice 2-3 70.00-73.50; Good 2-3 69.00-72.00; Standard 1-2 64.75-68.50.

SLAUGHTER HEIFERS: Choice 2-3 900-1100 lb. 70.00-73.00, few 3-4 1035-1150 lb. 67.00-69.00; Good 2-3 850-1050 lb. 66.00-69.50.

COWS: Utility and Commercial 1-3 58.75-61.75, couple 62.00-62.75; load Commercial 3-4 beef breed 58.25-61.60; Cutter 1-2 55.75-59.50.

BULLOCKS: Choice 1000-1350 lb. 69.00-71.00, couple 71.50-73.35; Good 1000-1250 lb. 66.00-69.00.

BULLS: Yield grade 1 1100-1800 lb. 70.00-74.10, individual 83.25; yield grade 2 1000-1350 lb. 65.50-69.00.

VEAL CALVES: Market not fully tested.

VEALERS: Few Choice 140-280 lb. 110.00-118.00; high Good and low Choice 90-120 lb. 95.00-108.00.

SHEEP: No market test.

## New Holland Livestock

**New Holland, Pa.**
**Thurs., May 24, 1979**

CATTLE: 817. Compared to last Thursday slaughter steers 1-1.50 higher, instances 2.00 higher with Standard and low Good mostly 2.00 higher; slaughter heifers fully steady; cows 1.00 higher, instances 2.00 higher; bulls 1-2.00 higher, bullocks not fully tested. Supply included 65 per cent slaughter steers and 20 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1470 lbs. 73.25-75.00; few selected Choice yield grade 2 1050-1200 lbs. 75.75-77.50; Choice 2-4 1000-1350 lbs. 72.25-75.00, few 71.75-72.25; high Good and low Choice 70.75-73.85; Good 2-3 68.00-72.25; Standard 1-2 65.50-69.25.

SLAUGHTER HEIFERS: Good 2-3 850-1050 lbs. 65.50-69.75.

COWS: Utility and Commercial 1-3 58.50-61.50, few 61.50-63.50; Commercial 3-4 56.00-58.50; Cutter 1-2 56.00-58.50, few 58.50-59.75; Canner and low Cutter 53.50-55.00.

BULLS: Yield grade 1 1100-1900 lbs. 71.00-74.50, few 74.50-76.00; yield grade 2 1000-1350 lbs. 68.00-71.50.

VEAL CALVES: 270. Vealers fully steady, although Choice and Prime 4-8.00 higher. Demand good for calves returned to farm.

VEALERS: Prime 260-350 lbs. 135.00-142.00, couple 143.00-145.00; Choice 140-300 lbs. 110.00-126.00, few 126.00-133.00; high Good and low Choice 120-200 lbs. 105.00-115.00, 90-120 lbs. 98.00-109.00, few 70-90 lbs. 85.00-95.00.

RETURNED TO FARM: Bulk 90-120 lbs. Holstein bulls and heifers 107.00-125.00, few 135.00-151.00.

SHEEP: 60. Spring lambs mostly steady; slaughter ewes firm to 5.00 higher. Supply included 19 goats sold by the head.

SPRING LAMBS: Good and Choice 65-90 lbs. 73.00-85.00.

SLAUGHTER EWES: Utility and Good 36.00-45.00.

GOATS: Supply mainly 70-150 lbs. mature goats selling at 42.00-58.00 per head.

## Lancaster Weekly

**May 25, 1979**

| | Cattle | Calves |
|---|---|---|
| This Week | 4600 | 800 |
| Last Week | 4965 | 932 |
| Last Year | 5210 | 956 |

CATTLE: Slaughter steers 1.00-1.50 higher, instances 2.00 higher; slaughter heifers firm to .50 higher, instances .75 higher; cows closed the week firm to 1.00 higher, instances 1.50

(Turn to Page 13)


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500 HEAD ON SALE
All Breeds - All Weights
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LANCASTER STOCKYARDS WEEKLY SALES
SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.

NEXT FEEDER PIG SALE
TUESDAY, MAY 29 — 1 P.M.

NOTICE
Cattle Division Closed
Monday, May 28 — Memorial Day
Hog Division Open as Usual

PRIVATE TREATY DAILY
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BULLS, STEERS, BUTCHER COWS, LAMBS AND VEAL CALVES SOLD ON COMMISSION
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HOG SALES
WEEKLY: MON. - 1 P.M., WED. & SAT. - 9 A.M.

NOTICE
MEMORIAL DAY HOG SALE CANCELLED.
MON., JUNE 4 HOG SALE AS USUAL

EVERY THURSDAY - 12:30 P.M.
HAY & STRAW SALE

NOTICE
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8 00 A M - Fat Hogs
10.00 A M - Horse Sale
11 00 A M - Hay, Straw & Ear Corn
1 30 P M - Fat Steers, Bulls, Cows & Veal
WEDNESDAY's AUCTION:
12:00 Noon - Hay, Straw & Ear Corn
12:00 Noon - Dairy Sale
1 00 P.M. - Feeder Pig Sale
THURSDAY's AUCTION:
11 00 A.M. - Beef Sale
Order of Sale. Bulls, Fat Steers, Cows, Veal
4 30 P M - Calf Sale

NEW HOLLAND SALE STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager Phone: 717-354-4341

# Hog Markets

## New Holland Hogs

**New Holland, Pa.**
**Monday, May 21, 1979**

| | Hog Auction |
|---|---|
| Today | 1529 |
| Last Monday | 1782 |
| Last Year | 1062 |

TREND: Compared to last Monday barrows and gilts 75-1.00 lower.

BARROWS AND GILTS: Us 1-2 200-240 lb. 45.50-46.00, few 46.10-46.25; US 1 205-230 lb. 46.50-47.50; US 1-3 225-245 lb. 44.75-45.50.

## New Holland Feeder Pigs

**New Holland, Pa.**
**Wed. May 23, 1979**

| | Feeder Pigs |
|---|---|
| Today | 1520 |
| Last Wednesday | 1786 |
| Last Year | 1225 |

Compared to last Wednesday feeder pigs uneven; weights under 50 lb. mostly steady, instances 10.00 higher on US 2-3 25-40 lb.: weights over 50 lb. steady to 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2 13 Head 23 lbs. 114.00; 54 Head 30-40 lbs. 96.00-109.00; 448 Head 40-50 lbs. 89.00-102.00; 369 Head 50-60 lbs. 76.00-90.00; 208 Head 60-90 lbs. 66.00-77.00.

US 2-3 126 Head 27-45 lbs. 92.00-110.00; 137 Head 44-55 lbs. 76.00-80.00.

## Indianapolis Hogs

**Thursday, May 24, 1979**

HOGS: 1000 - Barrows & gilts moderately active, mostly 1.00 lower.

US 1-2 210-240 lb. 45.00-45.50.

SOWS: Slow, 50-75 lower.

US 1-3 360-400 lb. 38.50-39.50, mostly 39.00-39.50; 400-500 lb. 39.50-40.50; 500-550 lb. 40.00-41.25.

## St. Louis Hogs

**May 24, 1979**

HOGS: 7500 - Barrows & gilts very slow, 50-1.50 lower, mostly 1.00-1.50 lower.

US 1-2 200-240 lb. 44.25-45.00, late mostly 44.25.

Mixed US 1-3 230-250 lb. 43.75-44.25.

SOWS: 1.00-1.50 lower.

US 1-3 300-600 lb. 39.00-40.00.

## Lancaster Hogs

**Lancaster, Pa.**
**Monday, May 21, 1979**

HOGS: Barrows and gilts week to 50 lower.

BARROWS AND GILTS: US 1-2 200-240 lb. 46.00-46.60, few 46.60-47.00. Few Selected US 1 205-240 lb. 47.50-48.00. US 1-3 220-255 lb. 45.00-46.00.

**Wednesday, May 23, 1979**

HOGS: Barrows and gilts 1.50-2.00 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 47.75-48.25, few lots 48.25-48.50. Few Selected US 1 205-235 lb. 48.50-49.50. US 1-3 220-260 lb. 47.00-48.00.

## Lancaster Feeder Pigs

**Lancaster, Pa.**
**Tuesday, May 22, 1979**

| | Feeder Pigs |
|---|---|
| Today | 912 |
| Last Tuesday | 1617 |
| Last Year | 1639 |

Compared to last Tuesday feeder pigs uneven; weights under 50 lb. firm to 5.00 higher, weights over 50 lb. weak to 3.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2 10 Head 29 lb. 116.00; 159 Head 30-40 lb. 101.00-111.00; 266 Head 40-50 lb. 82.00-105.00; 227 Head 50-60 lb. 76.00-87.00; 29 Head 60-65 lb. 73.00-78.00.

US 2-3 35 Head 26-32 lb. 105.00-113.00; 41 Head 30-40 lb. 89.00-98.00; 9 Head 42-48 lb. 82.00-95.00; 38 Head 57-70 lb. 62.00-68.00; 11 Head 73-76 lb. 55.00-66.00.

## Vintage Hogs

**Paradise, Pa.**
**Saturday, May 19**

Total 644 head. All prices per hundredweight.

No. 1-2, 210 to 245 lbs, 45.75-46.75; No. 2-3, 210 to 245 lbs. 43.75-45.75; sows 37.00-39.50; boars 37.00-40.00.

**Monday, May 21**

No. 1-3, 44.50-45.50; sows 37.00-40.00; boars 37.50-38.50.

**Wednesday, May 23**

Total 413 head.

No. 1-2, 210 to 245 lb. 46.75-47.75; No. 2-3, 210 to 245 lbs. 46.00-47.00; lightweights 46.00-47.25; heavyweights 46.00-47.50; sows 38.50-41.50; boars 37.00-39.00.

## Peoria Hogs

**Thursday, May 24, 1979**

HOGS: 4200 - Barrows & gilts slow, 1.00-1.50 lower.

US 1-2 200-230 lb. 45.00-45.50, few 44.50.

US 1-3 200-240 lb. 44.00-45.00, few 43.50.

SOWS: 50-1.00 lower.

US 1-3 350-450 lb. 39.00; 450-500 lb. 39.50-40.00; 500-650 lb. 40.00-40.50.

## Pa. Grain

**May 21, 1979**

Compared with last Monday's market, for Southeastern, Central and South Central Pennsylvania.

Corn steady to 5 cents higher. Wheat unevenly steady. Barley & Oats steady. Ear Corn steady to $3 higher.

Prices paid delivered to dealers dock. (All prices per bushel, except for Ear Corn per ton.)

**Southeastern Pa.**

Corn No. 2-y Range 2.65-2.90, Average 2.77, few down to 2.55. Wheat No. 2 range 3.50-4.02, average 3.77. Barley No. 3 range 1.60-1.75, average 1.68. Oats No. 2 range 1.40-1.65, average 1.55. Ear Corn range 70.00-78.00, average 74.65.

**Central Pa.**

Corn No. 2-y range 2.35-2.80, average 2.59. Wheat No. 2 range 3.50-3.80, average 3.64. Barley No. 3 range 1.60-1.80, average 1.69. Oats No. 2 range 1.40-1.60, average 1.49. Grain Sorghum No. 2 range 2.10-2.40, average 2.23. Ear Corn range 60.00-70.00, average 64.90.

**So. Central Pa. (Franklin & Cumberland Counties)**

Corn No. 2-y range 2.35-2.50, average 2.45. Wheat No. 2 range 3.40-3.75, average 3.48. Barley No. 3 range 1.55-1.65, average 1.58. Oats No. 2 range 1.55-1.70, average 1.62. Ear Corn range 56.00-70.00, average 64.38.

**Southeastern, Central & South Central Summary**

Corn No. 2-y range 2.35-2.90, average 2.66. Wheat No. 2 range 3.50-3.90, average 3.67. Barley No. 3 range 1.60-1.75, average 1.66. Oats No. 2 range 1.40-1.65, average 1.54. Ear Corn range 60.00-76.00, average 68.85.

**Western Pa.**

Corn No. 2-y range 2.30-2.60, average 2.45, few to 2.75. Wheat No. 2 range 3.10-3.40, average 3.25. Barley No. 3 range 1.55-1.60, average 1.58. Oats No. 2 range 1.35-1.45, average 1.42, few to 1.60.

## New Holland Dairy

**New Holland Sales Stables**
**Wednesday, May 23**

Reported receipts of 108 cows, 25 heifers, and 6 bulls. Market steady with last week's market.

Load of Pa. fresh 1010-1600; three loads of N.Y. and Conn., purebreds and grades 1025-1725, springers 1200-1700; load of Pa. fresh 1000-1230; load of Canada springers 950-1425; local cows 800-1300; springing heifers 800-1300; open heifers 460-650; bulls 355-790.

# Chicago Grain Futures

(Closing Bids as of Thursday, May 17, 1979)

| | Corn | Wheat | Soybeans | Soybean Meal |
|---|---|---|---|---|
| July | 2.65¾ | 3.60 | 7.35 | 195.00 |
| Sept. | 2.66¾ | 3.63 | 7.30½ | 195.50 |
| Nov. | | | 7.20 | |
| Dec. | 2.69½ | 3.74¼ | | 196.00 |
| Jan. | | | 7.31 | 201.00 |
| Mar. | 2.78 | 3.83 | 7.43½ | |

Trend - Corn is lower, Wheat is lower, Soybeans are lower, Soybean Meal is lower.

**Market Provided by Commodity Department**
**Reynolds Securities, Inc.**

# Futures Trading

**Closing Bids as of Thursday, May 17, 1979**

| | Chicago Cattle | Chicago Hogs | New York Maine Potatoes | Chicago Fresh Eggs |
|---|---|---|---|---|
| June | 73.55 | 45.60 | | 52.25 |
| July | | 44.95 | | 56.75 |
| Aug. | 71.82 | 41.55 | | 57.00 |
| Sept. | | | | 59.00 |
| Oct. | 69.90 | 38.50 | | |
| Nov. | | | 6.30 | 61.30 |
| Dec. | 70.70 | 39.10 | | 62.20 |
| Jan. | 71.45 | | | |
| Feb. | | 40.12 | | |
| Mar. | | | 7.00 | |

Trend - Cattle are lower, Hogs are lower, Potatoes are steady, and Eggs are lower.

**Market Provided by Commodity Department**
**Reynolds Securities, Inc.**

# U.S. Inspected Livestock Slaughter

**Estimated Daily Livestock Slaughter Under Federal Inspection**

| | CATTLE | CALVES | HOGS | SHEEP |
|---|---|---|---|---|
| This Week | 471,000 | 34,000 | 1,229,000 | 72,000 |
| Last Week | 452,000 | 33,000 | 1,270,000 | 70,000 |
| Last Year | 555,000 | 48,000 | 1,057,000 | 77,000 |

Market courtesy of USDA.


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The annual Fat Steer Show and Sale will be held on Wednesday, June 6th. Consignments will be sold in lots of ten (10) and must arrive in Lancaster by 7 A.M. For further information call Walter M. Dunlap and Sons, 717-397-5136.

The hog department will be open as usual on Memorial Day, May 28th. Sale starts at 1 P.M.

FEEDER PIG SALE AT LANCASTER STOCKYARDS
TUESDAY, MAY 29 AT 1:00 P.M.

Consign all your feeder pigs to Dunlaps where they will be handled by a capable and experienced staff. Get state tags at our office thereby saving 25¢ expense. Pigs received from 6 A.M. to 11 A.M. day of sale.

Six tractors, ten trailers ready to serve you...40', 45' and Possum Belly trailers.
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Marvin Johns, Secy.-Treasurer
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Home - 626-5659

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# Poultry Market Reports

## Weekly New York Egg Market

**Note: Due to a change in production and mailing schedules, this market will now carry prices from the previous Friday thru the Thursday of this week.**

**From Friday, May 18 to Thursday, May 24**

| | Fri. | Mon. | Tues. | Wed. | Thurs. |
|---|---|---|---|---|---|
| **WHITE** | | | | | |
| Jumbo | 68 | 68 | 68 | 68 | 68 |
| Ex Large | 62 | 62 | 62 | 62 | 62 |
| Large | 60 | 60 | 60 | 60 | 60 |
| Mediums | 54 | 54 | 52 | 52 | 52 |
| Pullets | 46 | 46 | 44 | 44 | 44 |
| Peewees | 36 | 36 | 34 | 34 | 34 |
| **BROWN** | | | | | |
| Large | 62 | 62 | 62 | 62 | 62 |
| Mediums | Unquoted | | | | |
| Pullets | Unquoted | | | | |
| Peewees | Unquoted | | | | |
| **Off Grade** | | | | | |
| Large | 56 | 56 | 56 | 56 | 56 |
| Checks | 37 | 37 | 36 | 36 | 36 |
| Breakers | 44 | 44 | 44 | 44 | 44 |

Tone: Large steady, smaller sizes easy.

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## N. E. Weekly Shell Egg Report

**May 22, 1979**

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

| | Ex. Large | Large | Medium | Small |
|---|---|---|---|---|
| MASS.+ | 66-70 | 64-67 | 55-62 | 41-47 |
| Mostly | 67-69 | 65-67 | 56-60 | 42-44 |
| NEW HAMP. | 59-65 | 57-63 | 48-54 | 34-40 |
| Mostly | 60-61 | 58-59 | 49-50 | 35-36 |
| R.I. | 69-80 | 67-68 | 60-61 | 46-47 |
| VERMONT | 68-78 | 66-75 | 57-70 | — |
| Mostly | 70-72 | 68-70 | 59-65 | — |
| MAINE | 65-67 | 63-65 | 54-56 | 40-42 |

**+Includes Central and Western Sections Only.**

## Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

| Classification | New Weight Per Case | Tuesday | Thursday |
|---|---|---|---|
| Extra Large | 51 lbs. | | |
| Class 1 - Large | 48 lbs. | 49 | 49 |
| Class 2 - Large | 45 lbs. | 48 | 48 |
| Class 3 - Medium | 42 lbs. | 41 | 38 |
| Class 4 - Small | 39 lbs. | 35 | 33 |
| Breaking Stock | 48 lbs. | 44 | 44 |
| Checks | 48 lbs. | 38 | 37 |

Lancaster Farming

(ISSN 0023-7485)

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Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

Robert G. Campbell, Publisher
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Subscription Price:
$6.00 per year; $10.00 - 2 years

$8 00 per year outside of
PA, NJ, MD, DE, NY, VA & WV

Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at Lititz, PA 17543
(ISSN ) 0023-F485

For address change form or new subscription see Classified Section.

Members of Newspaper Farm Editors Assn., Pa. Newspaper Publishers Association, and National Newspaper Association.

## Philadelphia Eggs

**May 23, 1979**

EGGS: Prices trended lower on mediums. Cartoned egg demand mostly fair. Supplies ample. Market steady on large and larger sized eggs, barely steady on mediums & smaller sized eggs.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons, delivered: store door.

A Extra Large 59-65; A Large 58-63; A Medium 49-57½.

## Delmarva Poultry

**May 23, 1979**

RTC movement generally good, but noted disappointing in some quarters. Today's LTL asking prices were mostly 51-52 on Plant Grade and 52-53 on U.S. Grade A. Advance interest light. Live supplies ample. Weights mostly desirable. Undertone about steady.

Multiple-drop shipments to New York City from Delmarva.

RANGE: US Grade A 51½-54; Plant Grade 51-52½; Premium X US Grade A 57.

WTD. AVG.: 52-62; Plant Grade 51.91; Premium X US Grade A 57.00.

X - includes special services, selected competive brands, etc.

## Eastern Pa. & N.J. Poultry

**May 23, 1979**

Prices generally unchanged. Demand fair. Offerings adequate. Offerings of heavy type ample for a good interest.

Prices paid at farm: light type hens 13-14, mostly 13½.

F.O.B. Plant 16-16½, mostly 16.

Heavy Type Hens TFEWR.

## Baltimore Eggs

**May 23, 1979**

Prices were unchanged to 2 cents lower on mediums. Movement good where large are featured at 59 cents, only fair elsewhere. Supplies ample.

Cartoned eggs: prices to retailers, state graded (min. one case sale) white.

| | |
|---|---|
| Grade A Large | 64-68 |
| Grade A Medium | 55-61 |

## PACMA Fowl

**PACMA-FACTS**

The following market is supplied by PACMA-FACTS, a direct marketing organization affiliated with the Pennsylvania Farmers' Association. Participating poultrymen are members of PACMA, which employs a fowl marketing agent, The Farmers' Agricultural Cooperative Trading Society (FACT) - to sell members' fowl PACMA works directly with the PFA poultrymen in the program

Farm point prices prevailing for fowl to be marketed by members during the week of May [illegible] delivered plant

# Hay Markets

## Regional Hay

**May 21, 1979**

(All Hay No. 2 and better, prices paid by dealers at the farm & per ton.)

Hay & Straw slow and steady; some hay making now started in a few areas as new hay prices reported.

Alfalfa 50.00-60.00, few to 70.00. Mixed hay 40.00-50.00, few to 60.00. Timothy hay 35.00-50.00. Straw 40.00-60.00. Mulch 20.00-30.00.

## Oklahoma Cattle

**May 24, 1979**

Estimated receipts 9700; same day last week 8453. Feeder steers strong to 2.00 higher. Feeder heifers strong to 1.00 higher. Demand Good. Bulk receipts Choice and mixed Good and Choice 600-900 lbs. steers and 500-725 lbs. heifers.

FEEDER STEERS: Choice 225-250 lbs. 123.00-127.00; 300-400 lbs. 115.00-125.00; lot 425 lbs. 110.00; 500-600 lbs. 93.25-98.50; 600-700 lbs. 82.50-88.25; lot 633 lbs. 89.05; 700-800 lbs. 80.00-83.00; lot 750 lbs. 84.50; 800-875 lbs. 76.00-81.00; 850-1000 lbs. 73.25-77.00; mixed Good and Choice 400-475 lbs. 90.00-98.50; 500-600 lbs. 85.50-93.00; 600-700 lbs. 77.75-82.50; 700-800 lbs. 75.70-79.50; Good 800-900 lbs. 79.80-71.75; Holsteins 570 lbs. 78.10; 1000 lbs. 67.70.

FEEDER HEIFERS: Choice 275-350 lbs. 97.00-103.00; 400-500 lbs. 85.50-92.30; 500-600 lbs. 78.00-84.00; 650-725 lbs. 74.00-78.75; lot 850 lbs. 71.00; mixed Good and Choice 500-600 lbs. 78.00-83.00; 600-725 lbs. 70.50-77.00.

## New Holland Hay

**116 Loads**

Timothy 27-60; Alfalfa 37-80; Straw 47-87; Mixed Hay 33-70; Corn 66-86.

## Green Dragon Hay

**Ephrata, Pa.**
**May 18, 1979**

Prices per ton.

Total 45 loads hay & 12 loads straw.

Alfalfa, one load at 66.00. Timothy 37.00-49.00. Mixed hay 38.00-51.00, some down to 31.00. Straw 48.00-63.00. Ear Corn, 9 loads 71.00-74.00, couple at 58. Oats, 2 loads $1.68 and $1.75 per bushel.

## Thomasville Market

**Thomasville, Pa.**
**Wednesday, May 23**

Cattle, 180 head. Steers, prime 73.00-74.35; choice 72.00-73.00; good 68.00-70.00; Holstein steers, good 68.00-70.35; standard 66.00-68.00; Heifers: prime 72.00-73.35; choice 70.00-72.00; standard 65.00-68.00; Cows: utility and high cutter slaughter cows 62.00-63.85; cutters 58.00-60.00; canners 52.00-56.00; Calves, 45 head, choice 125.00-130.00; good 108.00-113.00; standard, 85 to 90 lbs. 90.00-100.00; Holstein bull calves, 95 to 125 lbs. 115.00-137.00; Holstein Heifer calves 100 to 135 lbs. 185.00-202.00; Hogs 340 head; US 1 to 3, private treaty, 200 to 230 pounds 45.25; sows U.S. 1-3 36.00-38.25; Lambs, 60 to 70 pounds 80.00-90.00; 40 to 60 lbs. 80.00-85.00.

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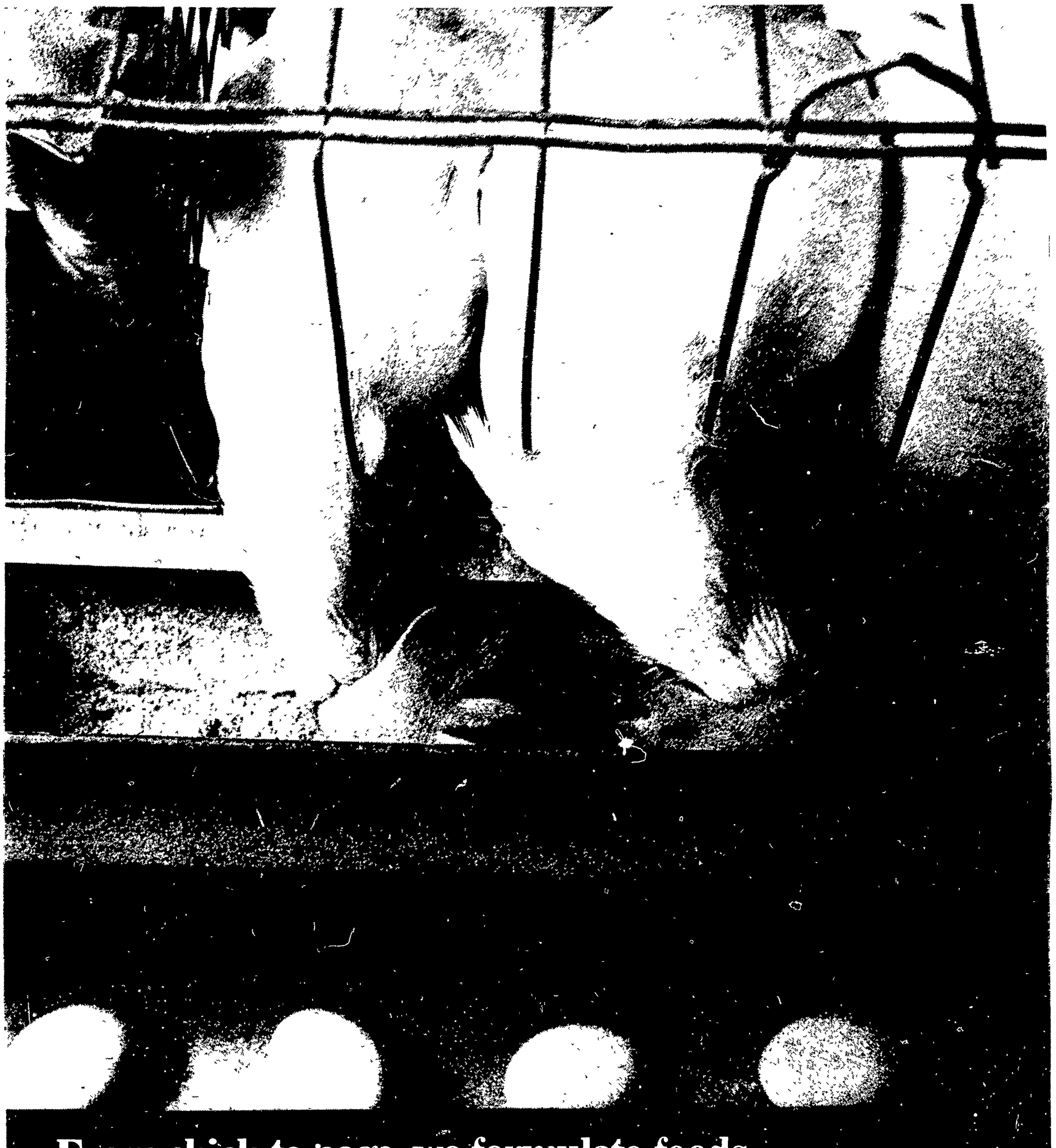

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# Livestock market and auction news

## Middleburg Auction

**Middleburg, Pa.**
**May 22, 1979**

CATTLE 197. Compared with last Tuesday's market, slaughter steers steady to 75 cents higher. Slaughter cows mostly 50 cents to $1 lower. High Choice & Prime slaughter steers 74.00-76.50, Choice No. 2-4 1000-1450 lbs. 71.00-73.85, few Good 69.00-70.50, few Standard 66.50-68.50. Few Choice slaughter heifers 68.35-72.75, few Good 67.00-69.00. Utility & Commercial slaughter cows 57.50-63.00, couple to 65.00, Cutters 56.50-59.50, few Canner & Low Cutter 53.00-55.50, Shells down to 49.60. Few Utility slaughter bullocks 63.00-66.50. Yield Grade #1 1000-1970 lbs. slaughter bulls 67.00-74.50, one at 76.50. Few Good 400-700 lbs. feeder steers & bulls 68.00-84.00.

CALVES 121. One Prime vealer at 132.00, Choice 115.00-126.00, few Good 109.00-119.00, Standard & Good (few) 90-110 lbs. 100.00-107.00, few 70-85 lbs. 98.00-100.00. Farm calves, holstein bulls 90-125 lbs. 110.00-160.00, one at 167.50; holstein heifers 90-140 lbs. 125.00-220.00.

HOGS 614. (Monday, May 21, 1979) (51 head for Tuesday, May 22, 1979). US No. 1-2 200-225 lbs. barrows & gilts 44.85-45.60, No. 1-3 190-250 lbs. 44.00-44.85, No. 2-3 200-270 lbs. 43.25-44.00. US No. 1-3 300-550 lbs sows 35.00-38.00. Few Boars 33.00-33.50.

FEEDER PIGS 218. US No. 1-3 20-35 lbs. feeder pigs 28.00-38.00 per head, No. 1-3 40-60 lbs. 39.00-49.00, one lot No. 1-3 125 lbs. 55.50 per head.

SHEEP 10. Choice 50-90 lbs. spring slaughter lambs 70.00-75.00.

## Lebanon Valley Auction

**Fredericksburg, Pa.**
**May 22, 1979**

CATTLE 180 Compared with last Tuesday's market; few High Choice & Prime No. 3-4 slaughter steers 72.25-74.85, Choice No 2-4 1000-1305 lbs. 72 00-74.50, few Good 68.00-71.75, few Good & Choice holsteins 67 60-69 75, few Standard 65 25-67.75. One Choice slaughter heifer at 69.50, few Good 65.10-69.00, few Standard 59 85-64 25 Utility & Commercial slaughter cows 59.75-61 50, few 64.85, Cutters 55.00-59 85, Canner & Low Cutter 51 75-55 75, few Shells down to 49.00 Few Choice slaughter bullocks 71.00-72.00, few Good 69 00-71 50 Two Yield Grade #1 1160 and 1440 lbs slaughter bulls 65 10 and 68.85

CALVES 185 One Prime vealer at 131 00, few Good & Choice 108 00-131.00, Standard & Good 90-120 lbs 95.00-106.00, 70-90 lbs 90 00-101.00, few Utility 50-100 lbs. 50.00-87.00 Farm calves active, holstein bulls 90-120 lbs 114.00-157 00; holstein heifers 80-190 lbs. 131.00-229.00

HOGS 370 US No. 1-2 200-235 lbs. barrows & gilts 45.75-46.35, lot 47.25, No 1-3 200-245 lbs. 45.00-46.00, No 2-3 190-260 lbs 44.00-45.10. US No. 1-3 375-565 lbs. sows 39.00-42.10, few No. 2-3 265-535 lbs. 35.75-39.85. Few Boars 35.50-38 50.

FEEDER PIGS 8. Los US No. 1-3 38 lbs. feeder pigs 97.50 cwt., lot No. 1-3 70 lbs. 84.00 cwt.

SHEEP 5. Few Choice 95-100 lbs. spring slaughter lambs 80.00-81.00. One Slaughter ewe at 37.50; 1 Yearling at 48.00.

## East Coast Carlot

**May 23, 1979**

Compared to Tuesday's close: Prime special fed veal weak in very limited test. Good and Choice boning veal firm. Spring lamb 55 lbs. down mostly 2.00-3.00 higher. Old crop 55 lbs. down 5.00 lower, mixed old crop and spring 55-75 lbs. mostly 5.00 lower compared to last week's bulk. Cured and processed meats steady to weak.

**VEAL CARCASS - HIDE ON**
Prime (Special Fed). 180-240 lbs., few 190.00.

**BONING TYPE - HIDE ON**
**Good and Choice**

Northeastern Suppliers: 65-75 lbs. 152.00-154.00, few 150.00, all firm; 55-64 lbs. 150.00-152.00, few 148.00; 45-54 lbs. 148.00-150.00, few 146.00; 35-44 lbs. 146.00-148.00, few 144.00; 34 lbs. down 144.00-146.00, few 142.00.

Inshipped 70-80 lbs ltd. 160 00, all firm; 60-70 lbs. ltd. 158 00, 50-60 lbs ltd 156 00 40-50 lbs ltd 154 00, 30-40 lbs ltd 152.00

Inshipped, Canadian Product 90 lbs up 164 00, 80-90 lbs 163 00, 70-80 lbs 161 00; 60-70 lbs 159 00; 50-60 lbs 157 00

**LAMB CARCASS, Choice and Prime 3-4**
**11 Loads**

Compared to last week. 55 lbs down 135.00, 5 00 lower; 55-65 lbs. 130.00, 5.00 lower; 65-75 lbs. 125.00, 5 00 lower.

**SPRING LAMB CARCASS**
**Choice and Prime 3-4**
**2 Loads**

60 pct chem lean, fresh 88.75.

**CURED AND PROCESSED MEATS**
**7 Loads**

Skinned hams 16-19 lbs. 75.00, weak; semi bnls. hams 14-17 lbs. 97.00, weak; boneless hams 13-17 lbs. 123.00, steady; no. 1 sliced bacon vacuum pack 96.00; franks 70 beef, 30 pork 1 lb pack 95.00, steady; bologna 70 beef, 30 pork 1 lb pack 98.00, steady.

## New Holland Horses

**Monday, May 21**
**New Holland Sales Stables**

Reported receipts of 430 head of horses, mules, and ponies. Market steady with last week's market.

Local driving horses 325-500; riding horses 300-825; better horses 550-975; lightweight killers 300-475; heavyweight killers 500-700; mare ponies 20-65; colts 10-20; geldings 20-60; larger ponies 100-250

## Four States Livestock

**Four States Livestock Sales, Inc.**
**Wed., May 16, 1979**

SLAUGHTER: Fed Steers & Heifers $2.00 lower Choice 68 00-69 00; Good 65 00-67 00, Medium 64 00 Down Heifers Choice 64 00-65 75; Good 62.00-63.00; Medium 61.00 Down. Cows steady to $1.50 lower. High Yield 60.00-64.25; Average 56.00-59.00; Big Middle 51.00-55.00; Shelly 53.00 down Fat Bulls very active, steady prices. Good 72.00-78.50; Medium 66.00-71.00. Veal Calves steady to higher prices. Choice 120.00-148.00; Good 105.00-119.00; Medium 90-104.00; Farm Hfrs. to $211.00; Farm Bulls to 154.00; Light & Weak $92.00 Down. Lambs Choice 74.00-78.50; Good to 73.00.

STOCKER: Steers 300-550 lbs. Light run higher prices. Choice 100.00-109.00; Good 91.00-99.00; Medium 82.00-90.00; Culls 81.00 Down. Steers 600-850 lbs. Choice 87.00-96.00; Good 76.00-86.00; Medium 75.00 Down. Heifers (All Weights) Choice 81.00-84.00; Good 74.00-80.00; Medium 73.00 Down. Dairy Cows to 770.00. Bulls Good 82.00-86.00; Medium 81.00 Down. Springing Hfrs. to $975.00. Pigs, Hd. $2.00 lower. 20-30 lbs. 27.00-35.00; 40-60 lbs. 36.00-44.00. Shoats by lb. to $52.00. Slaughter Hogs 1.00 lower. 200-230 lbs. 44 50-45.50; 240-260 lbs. 44.00-45.25; 180-195 lbs. 40.50-43.50. Sows 300-600 lbs. 35.00-40.00; Thin Sows 32.00-35.00.

**ANNUAL FAT STEER SHOW & SALE**

At The Lancaster Stockyards
**WEDNESDAY, JUNE 6, 1979**

Judging at 8:30 a.m. Sale at 12 Noon
*Robert Heilbron, Chairman*

- Judged and Sold in Lots of 10 Head
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- 2 Weight Divisions, except Holstein
- All Cattle Feeders Eligible
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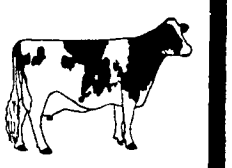

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|---|---|
| 620 coups | 11,160 birds |
| 508 coups | 9,144 birds |
| 252 coups | 4,536 birds |
| 216 coups | 3,888 birds |
| 180 coups | 3,240 birds |
| 128 coups | 2,304 birds |
| 40 coups | 720 birds |

— PARTIAL SECHLER FLEET —

Our Demand is Increasing for more Medium and Heavy Fowl

— Also —

Any amount of 4 to 5 lb. Broilers

**SERVICE & SATISFACTION GUARANTEED**

*Let professionals handle both your fowl and pullet service and get a real good deal on both*

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**PHONE: 215-488-1188 — COVERING THE U.S. & CANADA**

**FARMS FOR SALE**
Kent County,
Maryland
Low Taxes - Write
**COOPER-BARROLL REALTY, INC.**
Galena, MD 21635
Or Call "Jim Davis"
301-648-5593

# Livestock market and auction news

## Central U.S. Carlot

**May 23, 1979**

Compared to Tuesday's 2:15 report: fresh pork loins uneven; 14-17 lbs. steady-strong except 14-17 lbs. clear channel 50-2.50 higher and 17 & up lbs. 1.00-1.50 lower. Boston butts no comparison available. Skinned hams steady - 1.25 higher. Bellies steady - 1.25 higher. 72 bnls pics steady - 50 lower than Monday. Trading slow to moderate; demand light to moderate. Sales reported on 71 loads, including 10½ loads of trimmings and offal.

**Fresh Pork Cuts**

Loins 14/DN lbs. 90.25-90.50, 14-17 lbs. 89.00-89.25 unevenly steady-strong, 14-17 lbs. 92.00 clear channel, 2.50 higher, 14-17 lbs. 94.00 clear channel, .50 higher, next week shipment. 17-20 lbs. 79.00 next week ship., 1.50 lower, 20 & up lbs. 72.50, 1.00 lower than Monday.

Boston butts 4-8 lbs. 73.00.

Spareribs 3/dn lbs. 109.50 frozen.

Skinned hams 14-17 lbs. 71.25, steady - 1.25 higher. 17-20 lbs. 71.50-73.00, PT LD 74.00, 50-1.00 higher. 20-26 lbs. 71.75, pt ld 71.00, steady.

Bellies, sdls 12-14 lbs. 45.75, steady - 75 higher. 14-16 lbs. 45.75. 16-18 lbs. 43.25, 1.25 higher. 18-20 lbs. 40.00-41.00, 1.00 higher. 20-25 lbs. 39.50-40.00 frozen.

Skinned jowls fresh 40.00.

Neck Bones frozen 16.00.

Cheek meat 95.00 late Tuesday.

Chitterling 10 lb. box 27.00.

Pork trimmings/boneless processing pork (chemical lean) 72 bnls pics 88.00-88.50 fresh, steady - 50 lower than Monday. (Combos and boxed).

Compared to Tuesday's 4:30 report: early sales steer beef .50-1.00 higher, mostly packer to packer. Late trade at a standstill with buyers bearish while offerings remain light and sellers bullish. Trading very slow except few chain store trades and demand light. Sales reported on 30 loads of steer and heifer beef.

Steer Beef 29 loads - FOB Omaha. Choice 3 600-900 lbs. 109.00-109.50, bulk 50-1.00 higher packer to packer. Choice 3 550-850 lbs. 109.50 selected. Choice 2 600-800 lbs. 112.75 selected. Choice 4 550-850 lbs. 105.00 selected. Choice 4 600-900 lbs. 103.00. Good 2-3 600-750 lbs. 106.75.

FOB Amarillo basis, Choice 3 550-650 lbs. 109.75 trmd & sletd.

Choice 2 550-650 lbs. 110.75 trmd & sletd.

Heifer Beef 1 Load. FOB Omaha basis: Choice 3 500-700 lbs. 108.00.

No sales cow beef reported.

Primal beef cuts 4 loads. FOB Omaha basis: Choice 3 hinds steer 145-190 lbs. 130.00. Arm chunks 75-120 lbs. 86.00-87.00. Good arm chucks 75-120 lbs. 84.00. Boneless processing beef/beef trimmings 17 loads. FOB Omaha basis 50 chem lean fresh 68.00-70.00. For Amarillo basis 50 chem lean fresh 69.50.


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Check Our Quality, Price & Services!
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- See Us At Meadowbrook Market in Leola

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215-777-2465

Hours Mon - Fri 9-8 30, Sat 9-5
Wed 9-4 30, Sat 9-5



**SPECIAL NOTICE**

**HAY, STRAW & EAR CORN SALE**

AT

**DAVID H. GOOD'S FARM MACHINERY SALE**

**EVERY WED. AT 12 NOON**

ON NORTH MAPLE AVE., LEOLA, PA.
Home Phone 717-656-8911
Bus. Phone Wed. Only 717-656-9558


## St. Louis Cattle

**May 24, 1979**
**National Stockyards**

Receipts this week 3,900. Week ago 5,000: Year ago 6,700.

Compared last week close, slaughter steers steady to 50 lower. Slaughter heifers steady to 1.00 lower. Cows firm to mostly 1.00 higher. Bulls steady. Slaughter supply fully 50 per cent slaughter steers, about 30 per cent heifers and 15 per cent cows.

Both slaughter steers and heifers declined on Monday following some sharp price declines a week earlier in the wholesale dressed beef trade. However, this trend was quickly reversed when the dressed beef trade recovered some of the price declnes of a week ago. Price up turns in the live trade were registered Tuesday and Wednesday to offset much of the earlier price declines, with the mid-week trade lightly tested.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1000-1250 lbs. 72.50-73.75 early in the week, with load 1210 lbs. 74.75 in Wednesdays lightly tested trade. Choice 2-4 950-1250 lbs. 71.50-74.00, with mid-week sales 73.50-74.00. Mixed Good and Choice 2-3 900-1150 lbs. early in the week 70.00-72.00. Good 2-3 900-1150 lbs. 68.00-70.00. Small lot Good and Choice 2-3 1050-1200 lbs. early at 65.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 70.00-71.50, bulk 71.00-71.50 on Tuesday, with two loads 950-975 lbs. 72.00. Choice 2-4 800-1050 lbs. 68.50-71.00. Mixed Good and Choice 2-3 700-950 lbs. 67.00-69.00. Few Good 2-3 700-950 lbs. 65.00-68.00.

COWS: Late sales utility and commercial 2-4 53.00-57.00, boning utility 1-2 57.00-58.25. Cutter 1-2 53.00-56.00. Canner and low cutter 1-2 50.00-53.00.

BULLS: Yield grade 1-2 1050-1700 lbs. 63.00-71.00.

FEEDERS: (Including around 800 at the regular Thursday auction ) Feeder steers under 600 lbs. 6.00-10.00 higher, weights over 600 lbs. 3 00-6.00 higher. Feeder heifers 4.00-7.00 higher. Demand good for the rather light supply. Overall quality improved somewhat over a week ago.

FEEDER STEERS: Lot Choice and Prime 287 lbs. 128.00. Choice 250-400 lbs. 101.00-116.25; 400-500 lbs. 95.00-106.50; 500-600 lbs. 88.00-99.00; 600-700 lbs. 84.00-88.00; scattered lots 750-950 lbs. 73.00-76.50. Few lots mixed good and choice 375-500 lbs.90.00-95.00. Lot good and choice 515 lb. holsteins 80.25. Couple lots 640-710 lb. hosteins 70.75-73.00.

SLAUGHTER HEIFERS: Lot Choice and Prime 286 lbs. 111.50. Choice 250-400 lbs. 87.00-93.00; 400-500 lbs. 84.50-91.00; 500-600 lbs. 79.00-88.50. Scattered lots mixed good and choice 325-500 lbs. 79.00-83.00.

## Baltimore USDA

**May 21, 1979**

CATTLE 450: Slaughter Steers and heifers $3.00-4.00 lower. Cows 75 cents-$1.00 lower, bulls $1.00-3.00 lower. Supply 20% slaughter steers and heifers, 50% cows, 25% feeder cattle, balance bulls.

SLAUGHTER STEERS: Choice 2-4 1050-1350 lb. 69.75-71.00; individual Prime 4 1305 lbs. 72.75. Good & Choice 2-4 1015-1200 lbs. 68.50-69.50. Good 2-3 1050-1250 lbs. 65.00-68.50; few Holsteins 63.25-66.50.

SLAUGHTER HEIFERS: Choice 3-4 900-1025 lbs. 69.00-70.00; Good and Choice 2-3 830-1000 lbs. 67.50-68.50; Good 2-3 800-1000 lbs. 63.00-67.50.

COWS: Utility 2-3 and Commercial 3-5 56.00-62.10; few 62.25-62.85. Cutters 53.75-58.60.

BULLS: YG 1-2 1000-1250 lbs. 64.75-69.25; 1350-1775 lbs. 68.00-73.00; individual 1700 lbs. 77.75.

FEEDER CATTLE: Choice steers 300-450 lbs. 94.00-100.00. Choice bulls 290-450 lbs. 90.50-95.00. Choice steers 560-675 lbs. 82.00-87.00; 750-800 lbs. 71.00-73.00; 800-1000 lbs. 66.00-68.75. Choice heifers 295-400 lbs. 87.00-88.00; Good and Choice 300-450 lbs. 79.00-81.00.

HOGS 1000: Barrows & Gilts 1.75 lower.

US 1-2 200-240 lbs. 44.50-44 75· 20 head 45.25-45.50.

US 2-3 230-260 lbs. 43.50-44.50.

SOWS: Uneven, steady to 50 cents lower.

US 1-3 300-600 lbs. 37.00-38.00.

VEAL AND CALF AUCTION: Choice 120-265 lbs. vealers 108.00-121.00; individual 210 lbs. 125.00. Good and Choice 175-235 lbs. 90.00-107.50; few 70-95 lbs. 93.00-103.00. Holstein bull calves returned to farm 103.00-115.00.

SHEEP AUCTION: Choice and Prime Spring lambs 96-125 lbs. 75.00-77.50; lot Choice 86 lbs. 71.00.

## Shenandoah Valley Livestock

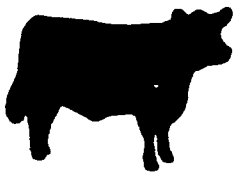
**Shenandoah Valley Livestock Sales, Inc.**
**Harrisonburg, Va.**
**May 19, 1979**

STOCKER, FEEDER & SLAUGHTER CATTLE: Good Light Steer Calves 110.00 to 116.00; Medium 100.00 to 110.00; Plain 95.00 and down; Good Heavy Steers 89.00 to 94.00; Medium 83.00 to 89.00; Plain 80.00 and down; Holstein Steers 90.00 and down; Slaughter Steers 72.00 and down; Good Light Heifer Calves 83.00 to 87.50; Medium 78.00 to 82.50; Plain 77.00 and down; Good Heavy Heifers 67.00 to 71.50; Medium 62.50 to 67.00; Plain 61.00 and down; Slaughter Heifers Not enough to quote; Slaughter Cows 55.00 to 60.00; Utilities 49.75 to 54.75; Canners and Cutters 48.00 and down; Milk & Stock Cows 760.00 and down; Stock Bulls 60.00 to 72.50; Slaughter Bulls 60.25 to 73.25.

CALVES: Veal Calves 117.00 and down; Baby Calves 140.00 and down.

SHEEP & LAMBS: Spring Lambs 76.75; Good Red O 72.00; Slaughter Ewes 35.00 and down; Stock Ewes 37.00 to 102.00.

HOGS: Top 43.45; Heavy 39.00 to 43.00; Medium 42.75; Light 39.25; Sows 35.00 to 38.75; Boars 32.00.



## G&M Livestock

**Duncansville, Pa.**
**May 21, 1979**

Market reported lower than last week.

Dairy Cows: 910.00-950.00.

STEERS: Good to Choice 71.00-73.35; Standard to Good 68.00-71.00.

HEIFERS: High Choice and Prime 68.00-71.75; Good to Choice 65.00-68.00; Standard 60.00-65.00.

FEEDERSTEERS: Good to Choice 300 to 500 lbs. 85.00-95.00; 500 to 700 lbs. 75.00-85.00.

BULLS: 1200 to 1708 lbs. 69.00-76.25; 900 to 1250 lbs. 65.00-71.00.

COWS: High Choice to Prime 60.00-62.25; Good 58.00-60.00; Utility 56.00-58.00; Cutters 52.00-56.00; Canners 48.00-52.00.

CALVES: High Choice 115.00-126.00; Good to Choice 100.00-115.00; Standard to Good 80.00-100.00.

Farm Calves Bulls 90 to 120 lbs. 140.00-161.00.

Farm Calves Heifers 90 to 120 lbs. 170.00-218.00.

HOGS: 200 to 240 lbs. 44.50-46.50; 190 to 320 lbs. 42.00-45.00.

SOWS: 36.00-42.25.

BOARS: 31.00-37.00.

Feeder Pigs 25 to 35 lbs. 25.00 to 35.00.

Feeder Pigs 35 to 50 lbs. 35.00 to 45.00.

SHEEP: 25.00-38.00.

## Lancaster Feeder Cattle

**Lancaster, Pa.**
**Friday, May 18, 1979**

| | Feeder Cattle |
|---|---|
| Today | 588 |
| Last Friday | 204 |
| Last Year | 479 |

TREND: Market not reported due to sale being held at night. The following sales are from the graded part of the sale; grading done by the USDA Market Reporter.

FEEDER STEERS: Choice 718-735 lb. 83.50, Choice 914-1135 lbs. 70.75-73.25; one lot mixed Good and Choice 840 lb. 73.75; couple lots Good 585-700 lb. 82.00-85.25, one lot Good 575 lb. Holsteins 75.00, one lot Good 980 lb. 70.85; one lot Standard and Good Holsteins 990 lb. 64.25.

FEEDER HEIFERS: One lot Choice 535 lb. 80.75, one lot Choice 640 lb. 74.75; one lot mixed Good and Choice 565 lb. 75.50, one lot mixed Good and Choice 680 lb. 69.00.


**Green Dragon Livestock Sales**

1 mile North of Ephrata, PA

**COWS COWS COWS**

**BUYERS FROM 3 STATES**

Regular consignments from Ray Kyper, Bob Kennedy, Dale Brewer and Ed Stover plus local consigners.

Lots of good Northern Feeders and Stockers.

**SALE EVERY FRIDAY**

Bulls, Steers, Slaughter Cows, Lambs and Veal Calves.

11:00 A.M. - Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.

**WALTER H. RISSER, Proprietor**



**$$$$$$**

OUR GRADED AND VET INSPECTED FEEDER PIGS CAN HELP YOUR DOLLARS GROW! OUR KNOWLEDGEABLE BUYERS WILL SELECT QUALITY FEEDER PIGS FOR YOUR APPROVAL.

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**RAYMOND BOYCE LIVESTOCK CO.**
UNIONVILLE, TENNESSEE
615-294-5102

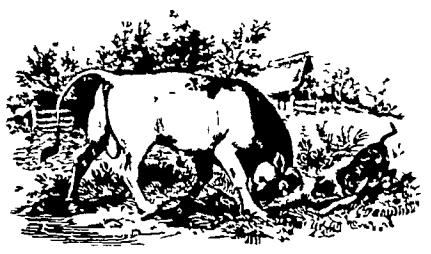
# Livestock market and auction news

## THE OLD FARMER'S ALMANAC

MAY 28-JUNE 3, 1979

**Sun is bright, new flies bite**

Snow tires should be stored by now Duke of Windsor married Wallis June 3, 1937 First quarter of the moon June 2 Average length of days for the week, 15 hours, 4 minutes Northern turtles lay eggs now Yankee Doodle first sung June 1 1755 One joy scatters a hundred griefs



**Ask the Old Farmer** How did our American "keep to the right" traffic ruling start? Most of our laws came from England but they still drive on the left G P Springfield Ill

*Don t know about the English but we kept to the right because a man driving an ox-team walked on the left side of his cattle because he didn t want to get shoved in the bush off the roadside*

**Home Hints** Don t throw away an old steel pail that leaks Nail it to the garage or cellar wall and use it to hold small tools

OLD FARMER'S WEATHER FORECASTS

**New England:** Week begins clear and cool, then cloudier and very warm, some showers last of week

**Greater New York-New Jersey** Sunny and seasonal to start, warm with showers last of week

**Middle Atlantic Coastal.** Clear and cool, then sunny and hot light rain at week's end

**Piedmont & Southeast Coastal** Clear hot and very dry all week, cooler with some showers for weekend

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## Belleville Auction

**Belleville, Pa.**
**May 23, 1979**

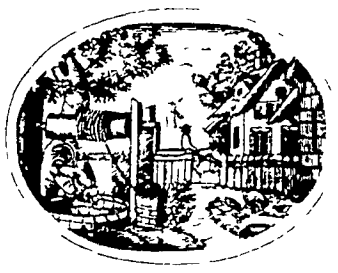
CATTLE 117. Compared with last Wednesday's market, slaughter cows 50 cents-$2 higher. Few Standard slaughter steers 64.35-68.85 Few Standard slaughter heifers 67.85-68 85 Utility and Commercial slaughter cows 57 50-61.10, one at 63.85, Cutters 57.00-59.60, Canner and Low Cutters 53.00-55.50, Shells down to 51.00. Yield Grade No 1, 1100-2060 lbs slaughter bulls 65.00-74 50 Few Medium and Good 350-600 lbs. feeder steers 80 00-90 50. One lot Good 400 lbs feeder heifers at 90.50.

CALVES 148. Choice vealers 120.00-129.50, few Good 104 00-110.00, Standard and Good (few) 90-110 lbs 99.00-105.00. Farm Calves: Holstein bulls 90-120 lbs 110.00-155.00, few to 161.00; few Holstein heifers 100-140 lbs. 105.00-205.00.

HOGS 347. Barrows and gilts 50 cents-$1.50 higher. US No. 1-2 200-240 lbs. barrows and gilts 47.00-48.25, No. 1-3 200-250 lbs. 45.35-46.75. US No. 1-3 300-500 lbs. sows 36.00-39.75, No. 2-3 300-600 lbs. 32.00-35.00. Boars 28.50-31.25.

FEEDER PIGS 490. US No. 1-3 20-35 lbs. feeder pigs 25.00-36.00 per head, US No 1-3 40-60 lbs. 37.00-46.50 per head, few lots No. 1-3 100-135 lbs. 58.00-67.00 per head.

SHEEP 23. Choice 50-100 lbs. spring slaughter lambs 81.00-85.00, couple to 112 50. Few Slaughter ewes 28 00-40.00.



## Omaha Cattle

**May 24, 1979**

CATTLE - Slaughter steers through midweek were 75 to 1 00 higher and heifers 1 00 to 1 50 higher Cows were mostly 2 00 higher than late last week, bulls steady

Four day receipts 13,050 compared 12,350 last week and 19,075 a year ago

Demand improved following last week's severe price downturns and much of the recovery occurred Tuesday when the dressed trade moved upward Slaughter steers made up around 57 pct. of the week's total supply with a fairly liberal number choice Heifers made up only 28 pct , cows 9 pct. and feeders, included Friday's auction 5 pct.

STEERS Tuesday, two loads choice and prime 3-4 1269 lbs 74 50. At midweek, four loads and part load choice with end prime 3-4 1200-1275 lbs 74 00. Choice 2-4 1025-1300 lbs 72.50-73 75, some at 73.75 with end of prime. Mixed good and choice 2-3 1000-1250 lbs. 71.50-72.50, load good and choice holsteins 1366 lbs 69.00.

Good 2-3 67.50-71 50, two loads 1200-1250 lb. holsteins included 67.50.

Average of ls-214, detailed quotations for choice 900-1100 lb. steers this week 72.80; choice 1100-1300 lbs 72.98. Average weight steers this week 1183 lbs. as compared 1167 lbs. the previous week Average weight heifers this week 995 lbs. as compared 978 lbs the previous week

HEIFERS· At midweek, two loads choice, end of prime 1009-1061 lbs 73 25 Choice 2-3 875-1050 lbs 71 50-73 00 Mixed good and choice 2-3 875-1025 lbs 70 00-71 00, good 65 00-69 50

COWS Late sales utility and commercial 2-4 54 50-56 50, some high dressing 57 00-57 50 Cutter 51 50-54 50, canner and low-cutter 50 00-52 00

BULLS 1-2 1400-2000 lbs 64 00-70 00, individual 1 71 00-72 00

## Sechrist Auction

**Stewartstown, Pa.**
**May 21, 1979**

CATTLE 89 Steers - Good Choice 70 00-72 85; Good 67.50-70.00. Heifers - Good to Choice 63 00-68 50 Feeder Steers - Good and Choice 85 00-92 50; Standard Good 70 00-85 00. Bulls - Good and Choice Commercial 70.00-74.50; Standard to Good 68 00-70.00; Utility to Standard 62.00-66.00. Cows - High Yearling Commercial 59 00-61.85; Cutters 57 00-59.50; Canners Low Cutters 55 00-57 00; Shells 50.00-54.85..

CALVES 85 Calves - Choice and Prime 120.00 130.00; Good and Choice 110.00-120.00; Standard and Good 100.00-110.00; Bulls Good 100-140 lbs 110.00-152.00; Heifers 90-110 lbs. 100.00-135.00; Culls 80.00-105 00.

HOGS 305 Hogs - U S No 1 and 2, 190-220 lbs 45 00-46.00; U S. No. 1 and 3, 190-230 lbs 44.25-45 00; U S No 1 and 3, 180-250 lbs 43 50-44 00 Sows - 250-375 lbs 35 00-38.00, 400-500 lbs 33.00-36.00. Boars - 300-500 lbs. 32.00-37 00

SHEEP 4 Ewes - 25.00-35.00

Private Treaty Hogs, Select No 1 and 2, 190-215 lbs 45 00

Private Treaty Fat Hogs, No 1 and 2, 190-220 lbs 44 25-44 50

Private Treaty Fat Hogs, No 1 and 3, 230-260 lbs 43 00-44 00

## Belknap Auction

**Dayton, Pa.**
**May 23, 1979**

CATTLE 74. Compared with last Wednesday's market, slaughter cows $1-$1 50 higher. Couple Choice slaughter steers 68 25 and 69.25, few Good 66 50-69.00, few Standard 64 50-67 25 Couple Good slaughter heifers 63 50 and 67 50, few Standard 60 00-63 75 Utility and Commercial slaughter cows 58.50-64 50, few to 67 00, Cutters 54 00-58.00, few Canner and Low Cutters 49 00-55 00, Shells down to 43.75 Few Yield Grade No. 1-2 1000-1075 lbs. slaughter bulls 65.00-68.75. Few Good and Choice 300-675 lbs. feeder bulls 71 00-100,00.

CALVES 79. Vealers grading Good and Choice about steady, Standard $3-$5 higher Choice vealers 110.00-115.00, few Good 94.00-108 00, Standard & Good 90-100 lbs. 94-104, few 65-85 lbs 80.00-97.00, utility 55-115 lbs 57.00-78 00. Farm Calves. Holstein bulls 90-130 lbs 107 00-127.00; few Holstein heifers 70-120 lbs 103.00-140.00; Beef cross bulls and heifers 70-120 lbs 103.00-140.00

HOGS 397 Barrows and gilts $1.50 lower. US No 1-2 215-240 lbs barrows and gilts 46.00-47 00, one lot at 47.40, No. 1-3 200-240 lbs. 45.00-46.30, No. 2-3 200-290 lbs. 42.00-44.60, few 300-375 lbs 36.00-40.00, No 1-3 150-190 lbs. 40.00-42.75 Sows $2 higher US No 1-3 300-600 lbs. sows 40.75-43.75. Few Boars 32.00-34.50, few Stock Boars 34.50-42.00.

FEEDER PIGS 160. US No. 1-3 25-35 lbs feeder pigs 27 00-40.00 per head, No. 1-3 35-50 lbs 37.00-44.00, Utility 25-30 lbs. 26.00-28.00 per head

SHEEP 26. One lot Choice 102 lbs. spring slaughter lambs at 65 00, lot Good 70 lbs at 73 50 Short slaughter ewes 31 00-37.00

## Peoria Cattle

**May 24, 1979**

CATTLE: Receipts This Week. 3100, Last Week 3100, Year Ago 3800.

Compared with last week's close, slaughter steers 1.50-2 50 higher. Slaughter heifers 2.00-3.50 higher Cows firm to 1.00 higher Bulls steady. Receipts about 70 percent slaughter steers, 25 percent slaughter heifers, balance mainly cows.

SLAUGHTER STEERS· Couple loads Choice and Prime 3-4 1160-1190 lbs. 74 50-75.00; three loads 1195-1300 lbs. yield grade 4-5 72 00-73.00; Choice 2-4 950-1300 lbs. 73.50-74 50; three loads 74.75-75.00; mixed Good and Choice 2-4 900-1275 lbs. 72.00-73.50; Good 2-3 68.00-72.00.

SLAUGHTER HEIFERS. load Choice and Prime 3-4 900-1000 lbs. 73.50-74.00; Choice 2-4 850-1100 lbs. 71 50-73.00; mostly 71.50-72.50; mixed Good and Choice 2-4 800-1080 lbs 67 00-71 50; Good 2-3 64 00-67.00

COWS Utility and Commercial 1-3 56 00-58.00, high-dressing Utility 59 00, few 60.00-61.00; Cutter 1-2 55 00-57.00, Canner 50.50-55 00

BULLS Yield Grade 1-2 1100-1800 lbs. 62 00-69 00; couple yield grade 1 70 00-71 00


**HARVEY Z. MARTIN**
**HAY AND STRAW SALE**
WILL BE DISCONTINUED UNTIL FURTHER NOTICE.
HOWEVER, WE WILL STILL BUY HAY & STRAW PRIVATELY AND ON ORDERS.
For More Information
Phone: 215-445-5303

**BEEFALO HYBRID CATTLE**
**BRED BEEFALO FOR SALE**
Rapid gains on grass and roughage
55-65 lb Births - up to 1100 lb yearling
Visit our farm and see our animals
In stock **SEMEN $12** an ampule
½ & ¾ Blood Bulls & Heifers
**BEEFALO N & J**
4270 Quakerbridge Rd
Princeton, NJ 08540 609-896-0336
Member World Beefalo Association

**SPECIAL NOTICE**
**VINTAGE SALE STABLES, INC.**
12 miles east of Lancaster at Paradise, PA.
Proudly Announces
**A BUTCHER HOG AUCTION**
Every Monday
AT 1:00 P.M.
NOTICE
MEMORIAL DAY HOG SALE CANCELLED
Mon., June 4 Hog Sale As Usual.
This will be in addition to our regular Wednesday and Saturday Butcher Hog Auctions.
No waiting to unload.
Will receive hogs anytime Monday morning.
For More Information Call
L. Robert Frame, Manager
717-442-4181 768-8204

**NEW HOLLAND SALES STABLES, Inc.**
12 Miles East of Lancaster
on Route 23, New Holland, Penna.
WEEKLY FEEDER PIG SALE EVERY WEDNESDAY
Sale to Start Promptly at 1 P.M.
We Will Receive Your Pigs Anytime
From 7 A.M. Wed. Morning
NOTICE
To Be Sold Wednesday, May 30
10 to 15 Bred Gilts
consigned by Ed Ranck
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.
Tags delivered if you call 717-354-4341 our office in advance.
Calf Sale To Be Held In New Sales Pavilion
Every Thursday At 4 30 P M
NORMAN KOLB 717-397-5538
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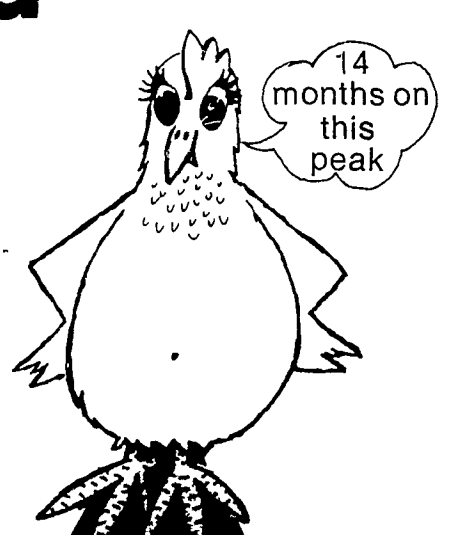


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# EDITORIAL COMMENTS By DIETER KRIEG, EDITOR

## Gasohol: a realistic, multi-advantageous energy source

Farmers may soon be in the energy business

On second thought, farmers have always been in the energy business The food we eat produces energy within our bodies so that we can live and work and play.

What should be said is that farmers may soon be producing energy to run equipment and machines, not just living bodies.

According to reseachers and promoters, farmers can realistically and significantly contribute to the world's energy supply. It will be done by removing alcohol from crops, and mixing it with gasoline to make gasohol.

The idea has a lot of potential and shouldn't be written off.

According to gasohol experts, this new fuel offers the following advantages

It reduces the amount of U S dollars going to foreign oil producing nations, and can strengthen the value of the dollar on world currency markets

It can generate a major new market for the American farmer's products, while stimulating the entire economy and even creating new jobs

Alcohol is renewable liquid solar fuel

The life time of our petroleum supplies would be extended by at least 10 per cent

Gasohol would be one step towards energy self-suffiency

In the engine, gasohol burns cleaner and more efficiently than present fuels Pollutant emissions would be down and octane ratings would go up, thus reducing engine knocking, pinging, and "dieseling "

Gasohol also burns cooler and reduces engine fraction, thus prolonging the life of the engine

In addition, gasohol provides protection from gas line freeze up

One of the beauties of all this is that nobody will have to modify his engine in any way in order to make use of gasohol

Gasohol may not be as far away as some people think As a matter of fact, it's been around for quite some time It is already available at some U S service stations and the trend towards gasohol will continue to expand rapidly

As a matter of interest, and a point to declare that alcohol is indeed efficient in engines, it should be said that Germany ran it's World War II economy on fuel mixtures incorporating alcohol derived from grain and potatoes That technology is still believed to be advanced even by today's standards

Opinions from scientists vary as to how efficient gasohol is An article in the May 19 **New York Times,** for example, concludes that gasohol requires more energy to make than it yields Others say it will yield nearly twice as much energy as is required to produce it

Be that as it may, the majority opinion among innovative energy researchers is that gasohol is an up and coming fuel

Gasohol has received the support of Congress, the U S Department of Agriculture, President Carter, various farm organizations, as well as millions of private individuals and businesses

Nobody is claiming that gasohol in itself will solve the energy problems of the world More realistically, it's being said that gasohol will be one of a number of steps this country will take to meet its energy requirements Contributions will also come from other areas such as solar, wind, and nuclear power, not to mention more efficient engines and overall energy conservation programs

(Turn to Page 38)

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THE BIBLE SPEAKS

Into not one! Un to — Sunday School Lesson

BY LAWRENCE W. ALTHOUSE

## HOW TO HAVE ENOUGH

**Lesson for May 27, 1979**

**Background Scripture:**
2 Corinthians 8 through 9.
**Devotional Reading:**
2 Corinthians 8:1-15.

Howard Reeves Calkins tells of an experience he had in a small church in southeastern Kansas where he had been sent to introduce his denomination's "New Financial Plan." This plan included elements which were all "new" to the little congregation: budget, every member canvass, the weekly offering, the "duplex" envelope, etc. As he finished the presentation, he was greeted by an ominous silence. At last, however, one farmer leaned forward and said, "There's a ketch in it." "Why, my brother," said Calkins, "I intended to make it very plain." "O, it's plain enough," said the farmer, "but they's a ketch in it all the same; . . . for I can see, if we adopt this plan, we'll be paying out more money than we intend to give "

**Excel In This Also**

I rather think that some of the people at Corinth must have suspected the same thing of the plan Paul outlined to them in his letter to them. Paul was very diplomatic — "Now it is superflous for me to write to you about the offering for the saints, for I know your readiness (9:1,2) — but as we read 2 Corinthians 8 and 9 it appears that he is making a strong appeal to the Corinthians to contribute more money than they had perhaps intended to give

His arguments are very compelling. First of all, he holds up to them the example of what other churches have done "For they gave according to their means, as I can testify, and beyond their means of their own free will . " (8:3). The Corinthians traditionally tended to look down upon the Macedonians. Paul was challenging them to prove their supposed superiority. "Now as you excel in everything . . . see that you excel in this gracious work also" (8.7)

Secondly, Paul reiterates what Jesus had indicated in his teachings: "he who sows sparingly will also reap sparingly, and he who sows bountifully will also reap bountifully" (9:6). The only way to have is to give, taught Jesus, and if you would have much, you must also give much. The scope of the stingy person's life is not wide enough to receive all that God would give to him. But if we open wide the door in giving, the door will also be wide open to receive.

**Always Have Enough**

The secret is that God is the one who supplies the abundance from which we give. We do not have enough by virtue of our own efforts to hoard and hang on to what we have, but because God supplies all our needs in abundance "And God is able to supply you with every blessing in abundance so that you may always have enough of everything and may provide in abundance for every good work" (9:8). To be a reluctant giver means that we do not really trust in God to supply our needs. When we do trust in him alone, however, we will always have enough to share and more.

---

# NOW IS THE TIME

By Max Smith, Lancaster County Agricultural Agent
Phone 394-6851

### TO IMPROVE SWINE EFFICIENCY

Swine producers have had very favorable markets for the past several years; it appears that prices will be lower during the next year or so. However, production costs will still remain high presenting a challenge to pork producers to make any profits. Swine authorities suggest that good management and efficiency practices be given more attention. This means reducing feed costs, raising more pigs per litter, controlling parasites, and doing all those things that should be done. Poor management will make it more difficult to stay in business and result in the weeding out of some producers.

### TO MOW PASTURES

Forage growth has been very rapid in the past few weeks and many of the grasses are already going to seed; this means that the area should be clipped by the early part of June. When these mature grasses are cut, they will dry and the animals will eat most of them in the form of hay. Also, mowing will help control weeds and improve the general appearance of the pasture field. Don't be guilty of allowing the mature grass to remain there all summer. Some pasture areas may be mowed and the crop made into hay at this time; This will permit grazing on this area for the balance of the summer.

### TO PROVIDE FARM POND SAFETY EQUIPMENT

Most farm ponds become a recreational center during the hot, summer months. Swimmers enjoy the water but should be aware of the danger of drowning. Pond owners should provide rescue equipment such as inflated inner tubes, wooden ladders, rafts, and rope that can be used in case of emergency. This equipment should be kept at the pond area rather than in the barn or other building on the farm. Swimmers should not be permitted to swim alone, immediately after eating, or during a thunder storm. Farm pond owners are urged to give some attention to pond safety at this time. Don't wait until there is an emergency; it might be too late.

### TO RECOGNIZE STAGE OF MATURITY

In the process of making any crop into hay or silage, the most important thing in order to get top quality is harvesting at the proper stage of maturity. Many farmers allow their crops to get too mature before cutting. This is very easy to do early in the spring when weather conditions are poor for making hay. The legumes such as alfalfa or clover are at their peak when in the bud to early blossom stage. The grasses are highest in feed nutrients at heading time. Winter grains contain the most feeding value when made into silage in the blossom stage. The crops may be easier to cure later in the spring but not contain top feeding values. The making of crops into silage, instead of hay, early in the season is one way to preserve maximum nutrient values.

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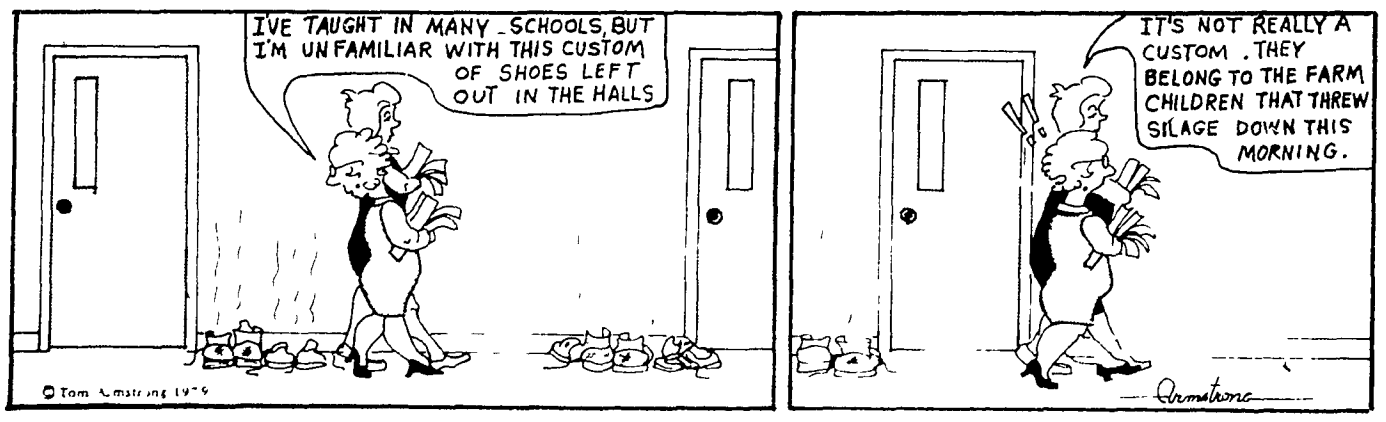
## RURAL ROUTE By Tom Armstrong


I'VE TAUGHT IN MANY SCHOOLS, BUT I'M UNFAMILIAR WITH THIS CUSTOM OF SHOES LEFT OUT IN THE HALLS
IT'S NOT REALLY A CUSTOM. THEY BELONG TO THE FARM CHILDREN THAT THREW SILAGE DOWN THIS MORNING.
Armstrong

# Farm Calendar

**Sunday, May 27**
Northumberland County's Kid Stuff 4-H Dairy Goat Club meets at the home of leaders Don and Roberta Molaro, Dornsife R1 Topics· dairy goat showmanship and fitting.

**Wednesday, May 30**
Weed indentification and control workship, Dover Area High School ag classroom, Dover, 7 30 p.m.

**Thursday, May 31**
Weed control and identification workshop, Dover High School, 7:30 p.m.

**Saturday, June 2**
Pennsylvania Sheep Field Day and Third Performance Tested Ram Sale, Washington County Fairgrounds, Washington, 10 a m to 3 p.m. Ram sale is at 2 p m

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DRYDENE UNIVERSAL TRACTOR FLUID is a highly developed hydraulic/transmission fluid which performs the following functions in farm tractors:

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4. Designed to provide excellent long term performance in Hydrastatic transmissions used in farm and industrial equipment.

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| MANUFACTURER | SPECIFICATION | |
|---|---|---|
| | Current | Former |
| Allis Chalmers | Power Fluid 821 | Power Fluid 322 |
| John Deere | J20A (Hy-Gard) | J14B (JDT 303) |
| Ford Tractor | M2C134-A, M2C41-A | M2C53-A, M2C77-A |
| International Harvester | IHC B-6 (Hy-Tran) | Hy-Tran |
| J. I. Case | JIC-143 (TFD Fluid) | JIC-145 (TCH Fluid) |
| Massey Ferguson | M-1129A, M-1127 A & B | M1135 |
| Minneapolis-Moline<br>White Farm Equipment<br>Oliver Tractor | UHTF, Oliver Type 55 | White Q-1722, 102082 Fluid |

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DRYDENE SUPREME XHD MULTI-VIS MOTOR OIL is the latest in high performance lubricants that exceeds the current diesel and gasoline manufacturers requirements for an API "CC-CD-SE" multi-viscosity motor oil. The multi-grade properties of this lubricant provide the following benefits:

- Improved Low Temperature Starting
- Good Oil Consumption
- 2-5% Better Fuel Economy
- Extended Drain Capabilities (ie. Mack EO-J)

DRYDENE SUPREME XHD MULTI-VIS MOTOR OIL exceeds the requirements of:

**API CLASSIFICATION:**

SC, SD, SE, CA, CB, CC, CD

**EXCEEDS MANUFACTURERS REQUIREMENTS:**

Mack EO-H, EO-J
Cummins
International Harvester diesel and gasoline engine requirements
All new car manufacturers warranty requirements
Ford M2C144-A
GM 6136-M and GM Oldsmobile diesel engine
Chrysler's minimum zinc requirements
Caterpillar TO-2 Test

**EXCEEDS MILITARY REQUIREMENTS:**

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MIL-L-2104B
MIL-L-46152
MIL-L-45199B

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- GALLONS
- 5 GALLONS
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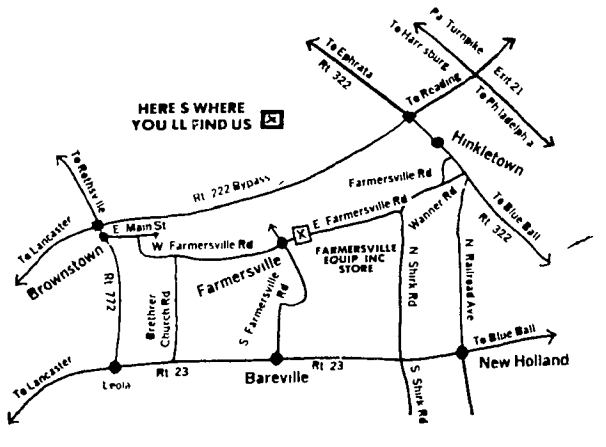


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Sat. — 7:30-3:00

# Livestock market and auction news

## Western Maryland Market

**Western Maryland Stockyards, Inc. Westminster, Md. May 22, 1979**

BUTCHER CATTLE: Medium run, mostly cows. Fat Steers few offered, good demand; Good 70.00-74.00; Standard 65.00-69.50; Heifers Standard to 67.75; Cows mostly steady to 50 cents lower; Good Cows 60.00-62.25; Standard & Utility 57.00-60.00; Canners 55.00-57.00; Shelly 55.00 Down; Bulls $1.00 lower; Top 1405 lbs. at 71.85; 1000-1250 lbs. $64.00-69.85.

BUTCHER HOGS: Good run, mostly steady. Top Hogs 45.50; Bulk 200-225 lbs. 44.75-45.25; 230-260 lbs. 44.00-44.75; 170-190 lbs. 43.00-44.00; Heavy Weights to 41.00; Sows to 38.00.

VEAL CALVES: Medium run, very active. Tops to $127.00; Good-Choice 110.00-127.00; Standard 100.00-110.00; Light calves 85.00-110.00; Weak & Rough 85.00 Down. Farm Heifers to $235.00, Bulls to 137.00.

LAMBS: Strong demand, few offered. Good & Choice 79.00-87.50; Medium to 70.00; Sheep 120-210 lbs. $28.50-34.00.

STOCK CATTLE: Medium run, mostly steady. Stock Steers 75.00-102.50; Stock Heifers 65.00-80.00; Stock Bulls 70.00-94.00.

PIGS AND SHOATS: Good run, mostly steady. By the head 20.00-44.50; By the lb. 50-60 lbs. to 85.00, 90 lbs. to 52.00.

Results of Farm Bureau Cow Sale - 31 cows:

Utility and Commercial 58.00-62.00; Few High Yielding 62.50-64.35; Cutters 59.00-62.50; Canners & Low Cutters 52.00-58.00.

## Joliet Cattle

**May 24, 1979**

Friday through Wednesday's salable receipts 4,400: 5 days last week 4,433: same period last year 5,715. Trading moderate for the week. High Choice and Prime slaughter steers closed the week 50 to 1.00 higher than early Wednesday of last week. Good to average Choice steers ended the week 1.00-1.50 higher. Slaughter heifers closed the week 50 to 1.50 higher. Cows closed the week 50 to 1.00 higher.

SLAUGHTER STEERS: Mixed high Choice and Prime 3-4, few 5, 1125-1350 73.50; 2 loads 74.00 Monday; 74.50, 2 loads 75.00 Wednesday. Choice 2-4 1050-1300 lbs. 72.00-73.50 Monday; 73.50-74.50 Wednesday. Mixed Good and Choice 2-3 1000-1250 lbs. 71.00-72.00 Monday; 72.50-73.50 Wednesday.

SLAUGHTER HEIFERS: Mixed Choice and Prime 3-4 950-1100 72.50, 1 load 73.00 Monday; 73.50, 1 load 73.75; package 74.00 Wednesday. Choice 2-4 850-1050 lbs. 71.00-72.50 Monday; 72.00-73.50 Wednesday. Mixed Good and Choice 2-3 800-1000 lbs. 69.50-71.00 Monday; 70.50-72.00 Wednesday.

COWS: Utility & Commercial 1-3 55.00-56.00 Monday; 55.00-57.50 Wednesday.

## Indiana Auction

**Homer City, Pa. May 24, 1979 Livestock Auction Market Report**

CATTLE 112. Compared with last Thursday market. Sl. cows steady to strong; sl. steers 1 Choice at 72.00; few Good 68.00-70.50; few Standard 64.00-66.25. Couple Choice sl. heifers 68.25, 71.00. Utility & Commercial sl. cows 57.00-62.50, couple 64.75, 66.00; Cutters 54.50-58.00; Canner & L. Cutter 49.50-55.00, Shells down to 42.00. Yield Grade #1-2 800-1740 lbs. 68.00-76.50.

FEEDER CATTLE: Few Medium & Good 450-750 lbs. 76.00-82.00. Good & Choice 400-660 lbs. heifers 66.00-77.00. Few Medium & Good 375-665 lbs. bulls 63.50-79.00.

CALVES 106. Vealers grading good & choice 5.00 lower, standard & good 10.00 higher. Vealers Choice 108.50-114.00, few Good 101.00-110.00, 90-110 lbs. 95.00-107.00, 65-85 lbs. 75.00-100.00, few Utility 50-130 lbs. 52.00-78.00.

FARM CALVES. Hol. Bulls 90-130 lbs 104.00-125.00; Hol. Heifers 90-120 lbs. 115.0-180.00. Beef cross bulls & heifers 75-120 lb. 100.00-140.00.

HOGS 94. Barrows and gilts 2.00-3.00 lower Barrows & gilts No. 1-3 20-45 lbs. 44.00-45.25; No. 2-3 200-260 lbs. 42.00-44.00. SOWS: 1 sow US No. 1-3 at 41.50. Few BOARS 32.00-40.50.

FEEDER PIGS 7. Not enough of.

SHEEP 12. Spring sl. lambs 1 lot Good 72 lbs. 70.00. Few slaughter ewes 25.00-29.00.

## Chambersburg Auction

**Chambersburg, Pa. May 24, 1979**

CATTLE 290. Compared with last Thursday market. Sl. cows uneven, 50 cents lower to mostly 50 cents to 1.00 higher. Choice 1050-1200 lb. 70.50-73.85, couple to 75.00; few Good 68.00-72.00; few Standard 66.85-67.85. Sl. heifers 68.00-70.50, couple 74.25. Utility & Commercial sl. cows 58.50-64.00, Cutters 57.50-62.75, Canner & L. Cutter 54.00-58.00, Shells down to 51.60. Yield Grade #1 1100-1600 lbs. 68.85-74.85.

FEEDER CATTLE: Choice 400-800 lbs. steers 70.00-81.50, few Choice 300-650 lbs. heifers 70.00-78.50, few Good 300-600 lb. Holsteins 91.00-114.00.

CALVES 400. Vealers grading choice 3.00-4.00 lower, standard & low good uneven 3.00 lower to 3.00 higher. Few Prime vealers 131.00-137.00, Choice 121.00-131.00, Good 107.00-115.00, Standard & Good 90-110 lbs. 100.00-107.00, 70-85 lbs. 93.00-100.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 115.00-165.00, mostly 135.00-150.00. Hol. Heifers 85-150 lbs. 140.00-240.00.

HOGS 77. Barrows and gilts about steady. US No. 1-3 200-230 lbs. barrows & gilts 45.75-46.35. SOWS: US No. 1-3 300-500 lbs. sows 33.50-38.25. Few BOARS 28.00-36.75.

FEEDER PIGS 120. US No. 1-3 30-40 lbs. feeder pigs 33.00-48.00 per head, No. 1-3 45-60 lbs. 40.00-50.00.

SHEEP 9. Spring sl. lambs 1 lot Good 25 lbs. at 2.70 per lb.

## Hunter's Auction

**May 21, 1979 Rising Sun, Md.**

FEEDER HEIFERS: High Choice and Prime 93.00-98.00; Good to Choice 88.00-92.00.

BULLS: 600-750 lb. 60.00-67.00.

COWS: High Choice to Prime 59.50-60.25; Good to Standard 57.50-58.75; Utility 55.25-56.00; Cutters 47.25-50.75; Canners 45.25-48.00.

CALVES: Prime 240-280 lb. 135.00-140.00; High to Choice 140-180 lb. 120.00-130.00; Good to Choice 120-140 lb. 110.00-118.00; Standard to Good 90-110 lb. 92.00-132.00; Utility 70-85 lb. 92.00-124.00; Low Utility 65-75 lb. 80.00-110.00.

FEEDER PIGS: 30-35 lb. $36 to $38; 35-45 lb. $35 to $42.

SOWS: 39.50.

BOARS: 39.50.

SHEEP: 28.00-32.00.

GOATS: Kids $28 to $36; Nannies $28 to $42; Billies $32 to $40.

## Valley Livestock

**Valley Stockyards Athens, Pa. Monday, May 21**

Reported receipts of 319 calves, 76 cows, 57 hogs, 25 heifers, 22 sheep, 22 lambs, 29 bulls, and 14 steers. Cattle market strong and calf market very active.

Holstein heifer calves to 215.00; veals 90.00-121.00; bobs, 90 to 110 lbs. 90.00-205.00; bobs, 80 lbs. and down 85.00-90.00; grassers and feeders 55.00-87.00; lambs 68.00-93.00; sheep 15.00-29.50; hogs, 200 to 250 lbs. 41.00-43.50; sows 38.00-40.00; boars 30.00-33.00; pigs, 25.00-49.00; heifers 58.50-64.25; steers, good 62.00-65.00; steers, feeders 79.00-95.00; bulls 63.25-72.00; cows, good 60.00-63.25, cows, medium 56.00-58.00; cows, poor or small 48.00-55.00; horses, none; ponies to 70.00; goats to 37.00.

Figure it for yourself.

**When you shortchange their nutrition, you shortchange yourself.**

Looking for ways to cut on down on out-of-pocket feed costs without cutting down on milk production?

Cutting production costs will backfire if you end up shortchanging your herd's nutrition in the process.

But you can cut those costs safely by feeding homegrown grains and grain silage fortified with the right Vigortone Dairy Pre-Mix. These potent pre-mixes contain the proper levels of vitamins, calcium, phosphorus, and other minerals needed to balance your farm's feedstuffs.

Vigortone Dairy Pre-Mixes can be mixed in or metered on any palatable grain or roughage. This lets you change ration content to fit the supplies you have on hand without risking herd performance.

Better herd nutrition means a bigger milk check. Minimum out-of-pocket feed costs mean more in your pocket.

Your figures will prove it.

**Dry cow nutrition pays future profits.**

Shortchanging your dry cow's nutrition can be risky too. Most problems dairymen experience in getting cows back in the string can be traced to careless treatment during the dry period.

Keep them in top condition until their next lactation. To help you do it, Vigortone has developed unique dairy pre-mixes specially concentrated for dry cow rations.

**Now is the time to compare.**

See your Vigortone dealer soon. He's ready to compare the performance of Vigortone's cost-saving dairy feeding programs with any other you name.

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# Livestock market and auction news

## Pa. Auction Summary

**Of 16 Livestock Auction Market Reports**
**May 25, 1979**

CATTLE 6589. Compared to 5682 last week and 8068 a year ago. Compared with last week's market, slaughter steers steady to mostly 1.00 higher. Sl. heifers unevenly steady. Sl. bullocks mostly 1.00 higher. Sl. cows & Sl. bulls mostly steady to 1.00 lower. Feeder cattle strong to 5.00 higher. High Choice & Prime YG 3-4 sl. steers 73.25-76.85, Choice YG 2-4 71.00-76.00, Good 68.00-72.00, Standard 64.00-68.50. Choice sl. heifers 68.00-73.00, Good 63.00-69.00, Standard 58.00-63.00. Utility & Commercial sl. cows 51.00-63.00, few 64.50, Cutters 55.00-59.50. Canner & L. Cutter 50.00-55.50, Shells down to 45.00. Choice sl. bullocks 69.00-74.00, Good 66.00-71.00, few Standard 63.50-66.00. Yield Grade #1, 1000-2400 lbs. 68.00-74.50, few 76.50, Yield Grade #2, 900-1650 lbs. 64.00-71.50.

FEEDER CATTLE: Good & Choice 300-750 lbs. steers 75.00-91.00. Good & Choice 300-700 lbs. heifers 66.00-90.00. Good & Choice 300-800 lbs. bulls 65.00-85.00.

CALVES 2845. Compared to 2366 last week and 3350 a year ago. Vealers mostly steady to 5.00 higher. Few Prime vealers 131.00-142.00, Choice 110.00-131.00, Good 100.00-115.00, Standard & Good 90-120 lbs. 95.00-110.00, 65-90 lbs. 85.00-100.00, few Utility 50-110 lbs. 50.00-80.00.

FARM CALVES: Active. Hol. Bulls 90-125 lbs. 105.00-165.00. Hol. Heifers 90-180 lbs. 105.00-240.00.

HOGS 8126. Compared to 7733 last week and 7458 a year ago. Barrows and gilts 50 cents to 1.50 lower. US No. 1-2 200-240 lbs. barrows & gilts 45.50-48.25, No. 1-3 200-250 lbs. 44.00-46.50, No. 2-3 190-260 lbs. 42.50-44.00, No. 1-3 140-190 lbs. 40.00-45.00. Sows uneven. US No. 1-3 300-575 lbs. sows 38.00-41.50, No. 2-3 300-650 lbs. 34.00-39.00. Boars 28.00-40.00.

FEEDER PIGS 1604. Compared to 1549 last week and 1584 a year ago. Unevenly steady. US No. 1-3 20-35 lbs. feeder pigs 25.00-38.00 per head, No. 1-3 35-50 lbs. 33.00-48.00, few No. 1-3 50-75 lbs. 40.00-67.00.

GRADED FEEDER PIGS 3541. All sales cwt. Compared with 3403 head last week, and 2864 head a year ago. Feeder pigs uneven, spots 4.00 higher to 7.00 lower. US No. 1-2 20-30 lbs. 101.00-119.00, 30-40 lbs. 96.00-111.00, 40-50 lbs. 82.00-105.00, 50-60 lbs. 76.00-90.00, 60-90 lbs. 66.00-80.00; US No. 2-3 20-30 lbs. 89.00-113.00, 30-40 lbs. 75.00-98.00, 40-50 lbs. 75.00-95.00; 50-60 lbs. 75.00-88.00; 60-75 lbs. 55.00-75.00.

SHEEP 665. Compared to 558 last week and 744 a year ago. Spring sl. lambs steady to 2.00 lower. Choice 50-100 lbs. 75.00-85.00, Good 40-85 lbs. 60.00-76.00. Slaughter ewes 20.00-45.00.

## Leesport Auction

**Leesport, Pa.**
**May 23, 1979**

CATTLE 173. Supply included 23 head feeder cattle. Compared with last Wednesday's market, steady to $1 higher. Slaughter cows unevenly steady. Choice 1000-1260 lbs. slaughter steers 71.25-73.10, few down to 68.25, Good 68.00-71.25, Standard 65.60-68.50. Few Choice 900-1300 lbs. slaughter heifers 68.25-72.60, few Good 63.10-66.75, one Standard at 61.50. Utility & Commercial slaughter cows 59.50-63.00, few 65.35, one at 66.50, Cutters 54.75-60.10, Canner & Low Cutter 53.50-54.75. Few Good slaughter bullocks 69.10-76.35, few Standard 65.75-66.00. Few Yield Grade #1 1350-1480 lbs. slaughter bulls 70.25-70.60. Few Choice 335-580 lbs. feeder steers 89.00-91.00; few Good 600-650 lbs. feeder heifers 67.25-75.00; few Good 600-870 lbs. feeder bulls 70.00-73.00, few Medium 880-1050 lbs. 60.50-64.75.

CALVES 97. One Choice vealer at 118.00, few Good 98.00-112.00, few Standard & Good 90-105 lbs. 90.00-102.50, few 80-85 lbs. 85.00-90.00, few Utility 60-90 lbs. 56.00-81.00. Farm calves, holstein bulls 90-135 lbs. 105.00-157.50, mostly 115.00-155.00; holstein heifers 90-135 lbs. 125.00-185.00.

HOGS 407. Barrows & gilts unevenly steady. US No. 1-2 200-235 lbs. barrows & gilts 46.85-47.10, few to 47.35, No. 1-3 195-245 lbs. 46.00-47.00, few No. 2-3 230-280 lbs. 41.35-45.35, one lot No. 1-3 150 lbs. 45.75. Sows $1 higher. US No. 1-3 320-585 lbs. sows 40.00-41.00, one at 41.75, No. 2-3 550-690 lbs. 39.00-40.00. Few Boars 37.00-39.00, light weights 160-250 lbs. 39.00-41.00.

FEEDER PIGS 174. US No. 1-3 30-40 lbs. feeder pigs 112.00-121.00 cwt., No. 1-3 40-50 lbs. 102.00-108.00, few No. 1-3 55-65 lbs. 82.00-98.00, one lot Utility 30 lbs. 110.00 cwt.

SHEEP 47. Choice 35-60 lbs. spring slaughter lambs 90.00-102.00, 3 head 28 lbs. 112.50, few 75-100 lbs. 76.00-82.00. Slaughter ewes 35.00-44.00, large Goats 26.00-49.00, few to 64.00; Kids 26.00-35.00.

## Lancaster Weekly

higher; bullocks firm to 1.00 higher; bulls 1.00-2.00 higher. Supply included 74 per cent slaughter steers, 11 per cent cows, 4 per cent bulls, 4 per cent heifers with the balance mainly feeder steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1470 lbs. 73.25-75.35, few early part of week 75.50-76.75; Choice mainly Grade 2 1075-1400 lbs. 74.75-77.00, around 20 head 77.00-77.85; Choice 2-4 1000-1350 lbs. 72.25-75.25, few 75.25-76.50; high Good and low Choice 2-3 70.75-73.75; Good 2-3 68.00-72.25; Standard 1-2 64.75-69.50.

SLAUGHTER HEIFERS: Choice 2-3 875-1100 lbs. 70.00-73.00, few 3-4 1035-1150 lbs. 67.00-69.00; Good 2-3 850-1100 lbs. 65.50-69.50.

COWS: Utility and Commercial 1-3 57.50-61.75, few 61.75-63.50; load Commercial 3-4 beef bred included at 58.25-61.60; Cutter 1-2 55.50-58.50, few 58.50-60.00; Canner and low Cutter 50.75-55.50.

BULLOCKS: Choice 1000-1350 lbs. 69.00-71.00, couple 71.50-73.25; Good 1000-1250 lbs. 66.00-69.00.

BULLS: Yield Grade 1 1100-1900 lbs. 70.00-74.50, few 74.50-76.00, 3 head 1485-1690 lbs. 82.25-84.50; Yield Grade 2 1000-1350 lbs. 65.50-69.50, few late 69.50-71.50.

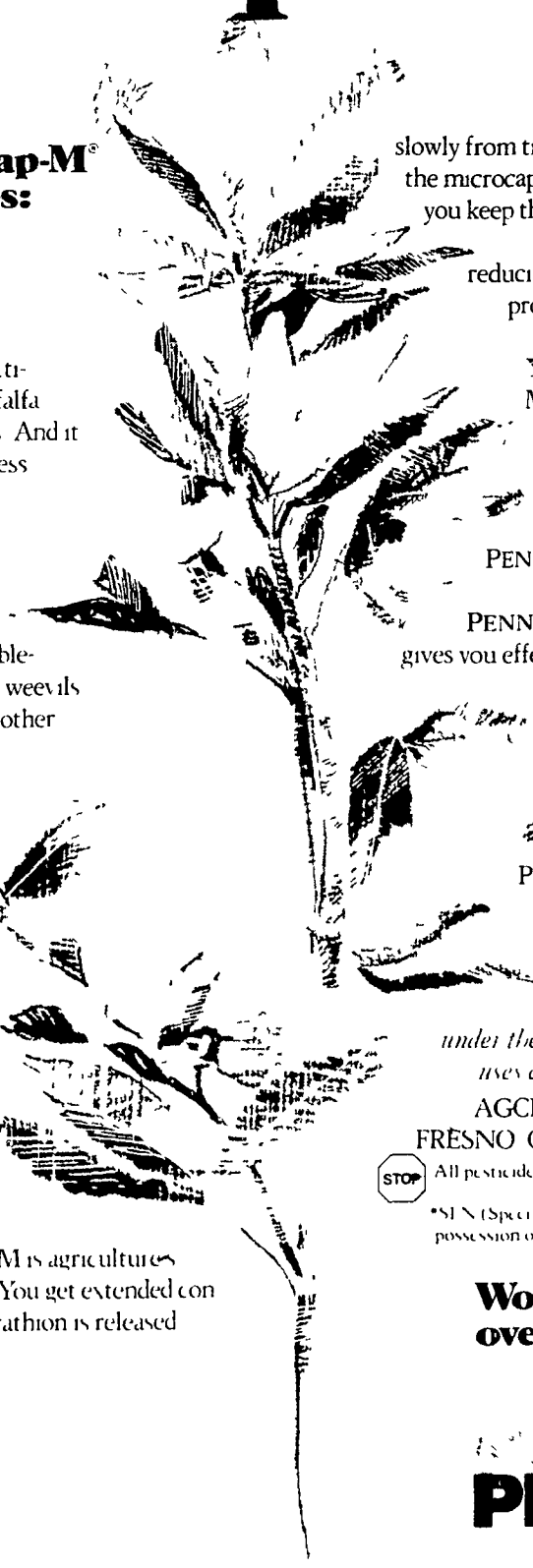
VEAL CALVES: Vealers fully steady with some closing sales of Choice and Prime 4.00-8.00 higher, demand good for calves returned to farm.

VEALERS: Prime 260-350 lbs. 135.00-142.00, couple 143.00-145.00; Choice 140-300 lbs. 110.00-126.00, few 126.00-133.00; high Good and low Choice 120-200 lbs. 100.00-115.00, 90-120 lbs. 95.00-109.00, few 70-90 lbs. 78.00-98.00, few 55-70 lbs. 69.00-75.00.

SLAUGHTER CALVES: Good and Choice 260-425 lbs. 80.00-95.00.

RETURNED TO FARM: Bulk 90-125 lbs. holstein heifers 130.00-150.00, 25 head 90-115 lbs. 190.00-214.00; bulk 90-125.00 lbs. holstein bulls 120.00-135.00, 100 head 90-115 lbs. 149.00-153.00, few sales 90-120 lbs. 107.00-125.00.


# Get alfalfa weevils. Get aphids.



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# Agriculture's stake in international trade agreements told

WASHINGTON, D.C. — The United States Department of Agriculture has released a report stating the position of agriculture in international trade agreements. The report deals with how trade began, U.S. objectives, concessions asked for and offered by the U.S., codes of agreement, and an explanation of these codes.

**BACKGROUND**

International trade generally benefits both buyers and sellers. Nevertheless, nations often make it difficult to trade with each other by tampering with trade to try to solve domestic problems.

Internal pressures may cause a country to subsidize its own exports or to refuse some imports to protect its own domestic production. One way a country does this is by raising import fees on foreign products so high that domestically made products become less expensive than the imported items.

On the other side of the protectionist coin, countries sometimes pay their own producers export subsidies. In some cases, these subsidies can allow producers to sell products overseas at prices below their cost of production. The practice of selling a product for less than the cost of production or less than it sells for domestically is called "dumping."

Another tactic sometimes used by countries is to set such rigid specifications for imported products that only domestic products can be sold.

In the long run, this web of protectionist tactics seldom benefits any country because gains in one product line are often offset by losses in another.

These tactics invite retaliatory action by affected nations, curtailing world trade and generating "trade wars." This danger, and a belief in the benefits of freer, wider trade, prompted U.S. officials to take the lead in seeking international negotiations to reduce trade barriers. After five years of work, negotiators from the 99 participating countries made agreements this Spring affecting tariffs and other trade barriers, such as import quotas and export subsidies.

**HOW INTERNATIONAL TRADE NEGOTIATIONS BEGAN**

In 1947 — following a world-wide depression and a world war — 23 nations, including the United States, met to negotiate and sign General Agreements on Tariffs and Trade (GATT).

Between 1947 and 1967, six general tariff conferences, or "rounds," were held under GATT auspices. These conferences reduced customs duties on thousands of products traded among member countries. By the early 1970's, however, a proliferation of new barriers — many in the form of non-tariff barriers such as those dealing with import quotas — threatened the trading system.

GATT rules, moreover, were becoming less and less able to deal with problems not directly related to tariff reduction. Therefore, the United States and other interested countries initiated the seventh, or "Tokyo Round," of negotiations.

They began in September 1973 at a ministerial level conference in the Japanese capital.

**U.S. OBJECTIVES**

The United States' agricultural goal in the Tokyo Round was to get an agreement that would bring long-term benefit to American agriculture, stem world protectionist policies and recognize that while the world's peoples are separated by different economies and needs, they are bound by the globe's limited agricultural resources.

The U.S. based its approach primarily on a growing concern over non-tariff barriers, such as import quotas, discriminatory measures like raising import fees to exclude a U.S. product, and devices such as export subsidies.

The U.S. strategy was to develop improved trade rules and arrangements to allow countries to negotiate their disputes effectively.

At the same time, the U.S. sought tariff concessions on products with high growth potential, such as high-quality beef, pork, poultry, variety meats, tallow, tobacco, fresh and canned fruits and juices, vegetable oils and vegetable protein products. The U.S. also sought important concessions for its soybeans, rice and cotton.

**U.S. ASKS FOR TRADE CONCESSIONS**

During the Tokyo Round of negotiations, the United States asked other GATT members to grant it yearly concessions covering agricultural exports which in 1976 were worth $4.7 billion. The year 1976 is used as a "base" year because it was the most recent trade year at the time U.S. officials made their request.

Agricultural trade with other countries is essential to U.S. farmers. About a fourth of their income comes from overseas sales. U.S. exporters expect to sell more than $30 billion worth of U.S. farm products overseas in the fiscal year ending Sept. 30, 1979. The production from almost one harvested acre in three is exported. For some crops, the ratio is even higher.

Agricultural exports contribute favorably to the balance of payments, which strengthens the U.S. economy. U.S. exports help develop economies of scale that help hold down U.S. food sprices and strengthen the U.S. agriculture system. Exports stimulate off-farm employment and increase non-farm income. About 1.2 million full-time civilian jobs are related to U.S. agricultural exports. Imports enable consumers to enjoy items produced by other countries.

**CONCESSIONS GRANTED**

Of the $4.7 billion in concessions the U.S. requested, GATT countries granted nearly $4 billion worth on 480 items, which will help the U.S. preserve major markets. The United States' two leading trading partners — Japan and the European Community — provided the largest share of the concessions the U.S. received. The Japanese offered concessions covering agricultural exports worth $1.5 billion, including citrus, beef and soybeans. The EC offered concessions that cover about $700 million in U.S. exports of beef, poultry, tobacco, rice and fruit products. Mexico, the Philippines, Korea and India together accounted for almost all of the concessions the United States received from developing countries.

Foreign countries also offered to make concessions on several products of which the U.S. did little trade in 1976, but for which U.S. officials expect exports to increase when and if the concessions go into effect.

The proposals must be approved by the U.S. Congress and the governing bodies of the other countries before they go into effect. They then remain valid until repealed.

Potentially more important was the negotiation of a series of codes which extended the GATT trading system into areas it previously did not cover and improved existing rules and procedures. The U.S. also got new arrangements to negotiate with GATT members over meat and dairy products.

To say the U.S. obtained nearly $4 billion worth of concessions for agricultural exports provides only a rough measure in today's terms. It says little about what these concessions will be worth tomorrow.

In the early 1960's, for example, the United States came away from the "Dillon Round" of trade negotiations with an obligation from the European Community not to impose a duty on U.S. soybeans it imported. The obligation was worth about $150 million at the time. That duty-free binding is still in place. Today those soybean exports to the EC are worth $2.5 billion each year.

**CONCESSIONS OFFERED BY THE UNITED STATES**

The United States offered tariff concessions on products covering about $2.7 billion in U.S. agricultural imports. Three-fourths of the U.S. concessions went to developing countries for vegetable oils, inedible molasses, fruits and vegetables and preserved beef. The other concessions were to the developed nations for frozen beef, lamb, wool, live cattle and certain grain products.

Most U.S. concessions eliminated tariffs of five per cent or less of the value of the item. The U.S. cut its average tariff duty by more than 50 per cent.

The United States also offered to expand certain import quotas on cheese to allow some countries to increase their exports of cheese to the U.S. by about 15 per cent over 1978 levels. At the same time, however, foreign cheeses that had not counted in the quota system because they were priced more than seven cents over the U.S support price would be made subject to quota for the first time. This will result in about 85 per cent of the nation's cheese imports being covered by the quota system, compared with 50 per cent presently.

**CODES OR AGREEMENTS**

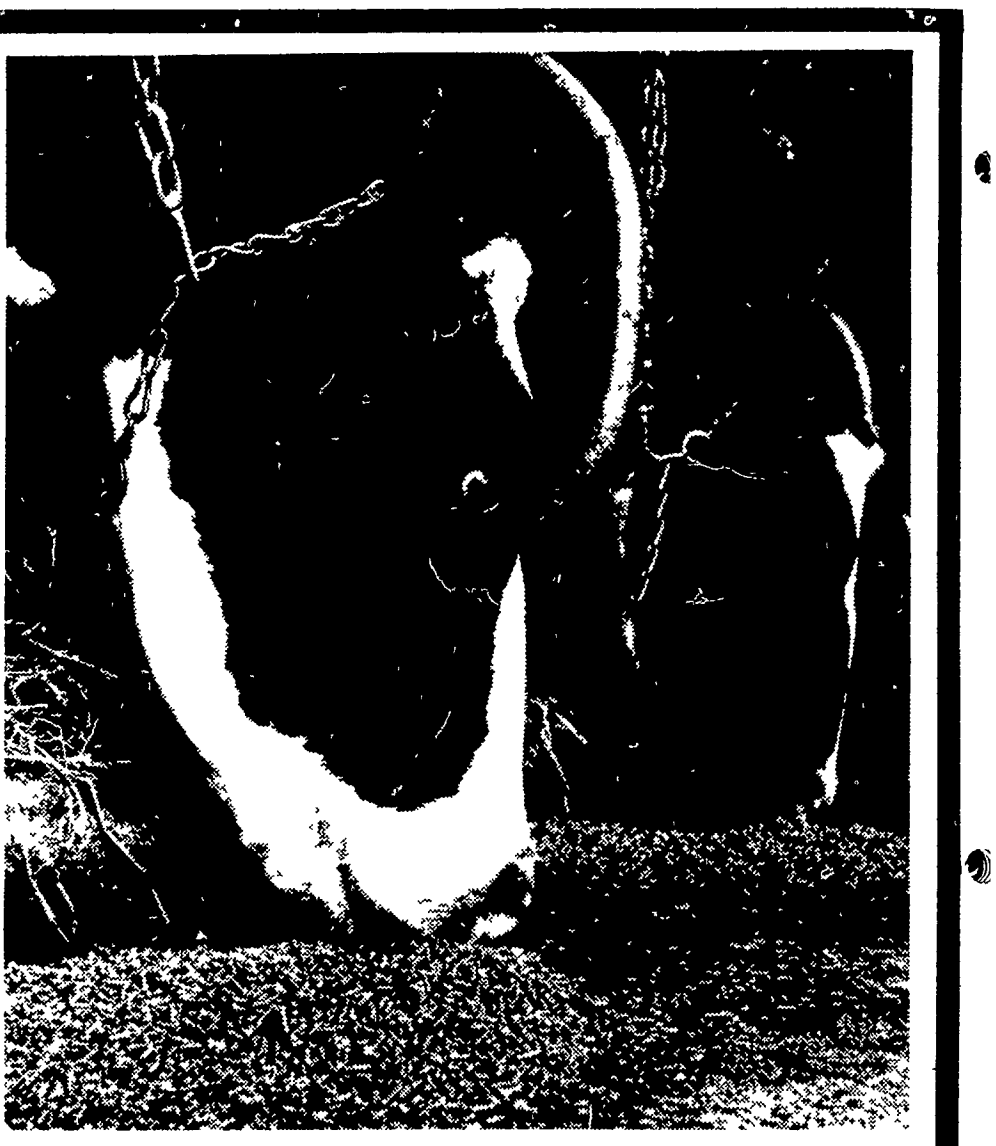
One of the major U.S. objectives was to improve the international rules covering agricultural trade to make the GATT more effective at resolving problems in these specific non-tariff areas: Subsidies and technical barriers to trade such as those relating to product standards, import licensing and customs valuation.

These new rules, or codes, should revitalize use of the GATT in resolving international trade disputes and provide a forum for increased cooperation. The GATT negotiators agreed on new rules and procedures to establish a basis for decisions and to gradually provide more effective procedures to resolve trade disputes and to increase cooperation.

**THE MOST IMPORTANT CODES**

The new subsidies and countervailing duties code would maintain the right of countries to defend themselves from subsidized agricultural imports that injured domestic producers. It would introduce tighter, more measurable rules on the use of export subsidies in third country markets, reducing an unfair advantage some of the United States' competitors have had through subsidies in markets for grain worth nearly $12 billion last year. The subsidy code will give U.S. agriculture new rights in the international market. It will let the U.S. call offenders to account, present the case

(Turn to Page 23)

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# Northampton-Lehigh dairy princess chosen

EASTON - Martha Guest of Nazareth became the 1979-80 Northampton-Lehigh Dairy Princess at a pageant held May 18 at the Palmer Park Mall, Easton. The 18 year old June graduate of Nazareth Area High School is the daughter of Mr. and Mrs. Herbert Guest.

Named alternate was Lois Heyer, daughter of Mr. and Mrs. Lester Heyer of Kutztown, R2.

Martha Guest

Miss Guest will be the official representative of the Lehigh and Northampton dairy industry throughout the year and will compete in September against county princesses throughout Pennsylvania for the state title.

Over 100 people watched as each contestant presented an original demonstration and then was asked a series of questions by master of ceremonies Henry Wilcox, manager of Pocono Dairy. The winner was crowned by the current Northampton Dairy Princess, Dianne Luro.

The contestants were judged on their personality, appearance, ability to speak in public and knowledge of the dairy industry. Judges were H. Theodore DuBois, Allentown, kitchen draftsman for Handcock Kitchens and former Lehigh county Extension agent; Joseph Reibman, Easton, Northampton County councilman and attorney; and Mrs. Barbara Shiffer, Nazareth, former Home Economist.

Each contestant was given an engraved pewter pitcher and Miss Guest was presented a dozen red roses.

The event was sponsored jointly by the Northampton and Lehigh County Holstein Clubs under guidelines set up by the Keystone Milk Marketing Council and the American Dairy Council.

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# WHAT'S NEW

**COMPACT STOCK PROD**

A new compact livestock prod, designed for close-in work, has been introduced by Hot-Shot Products, Savage, Minnesota.

The "Power-Mite" has transistorized circuitry for trouble-free operation and runs on two 9-volt alkaline batteries.

The Model P-M weighs only 10½ ounces and is 6¼ inches by 2 inches by 1¼ inches in size making the unit suitable for close-in work with hogs and cattle and ideal for veterinarians to carry in their bags, says the manufacturer.

Hot-Shot's "Power-Mite" case is made of tough, durable Cycolac to stand up to years of rugged use and includes a safety lock switch. A leather wrist thong is attached for added convenience.

Priced at $26.50, the Model P-M comes complete with two 9-volt alkaline batteries. A leather holster (Part #PM-H) is also available for carrying on your belt, or hanging on a hook and is list priced at $4.95.

Hot-Shot Products, manufacturer of elecric stock prods for 40 years, is the largest and oldest supplier of electric stock prods in the U.S.

For complete details, see your Hot-Shot dealer, or contact: Hot-Shot Products Co., Inc., 5441 West 125th Street, Savage, Minn. 55378.

**CANINE VACCINE**

ST. JOSEPH, Mo. – Anchor Laboratories announces the introduction of Solo-Jec-5, a five-way canine vaccine to protect against distemper, hepatitis, parainfluenza ("kennel cough") and two stains of leptospira. The manufacturer claims:

Solo-Jec-5 offers the broadest protection available against these five diseases. Each one-dose package contains everything necessary for home administration: vaccine, diluent, syringe, needle and complete instructions...making it practical and economical for every dog owner to vaccinate his dog safely, easily and effectively.

An important feature of Solo-Jec-5 is its protection against canine parainflueza -- a major cause of "kennel cough" – a harsh, dry cough that spreads rapidly among dogs in close quarters such as boarding kennels, pet shops, hunting packs or dog shows.

The vaccine also provides protection agains distemper, which is highly contagious and may cause permanent or even fatal damage to the central nervous system; hepatitis, where severe infections may disrupt the 20 vital liver functions; and two types of leptospira that can spread to humans or livestock.

Anchor recommends vaccination of healthy pups at nine weeks of age, repeating the dosage in three to four weeks. When their susceptibility is in doubt, puppies less than nine weeks old may be vaccinated, but should be revaccinated at three-to four-week intervals until at least 12 weeks of age. Annual revaccination with a single does is recommended to maintain continous protection.

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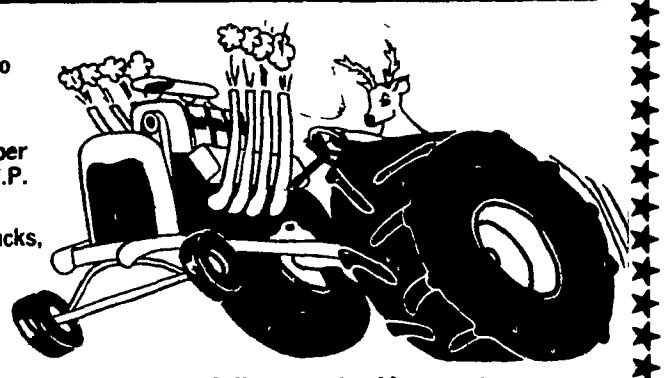
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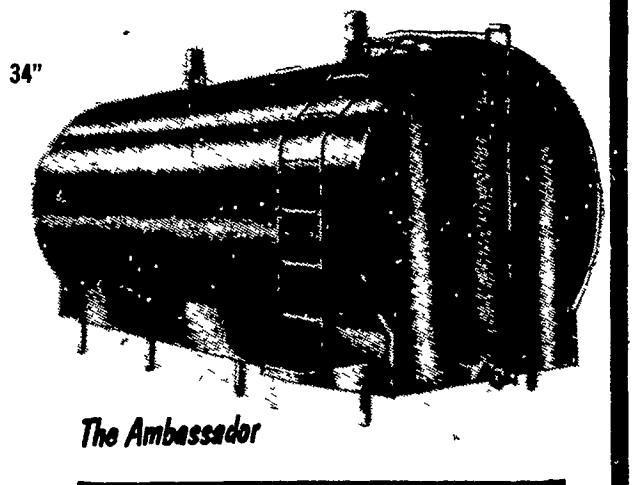
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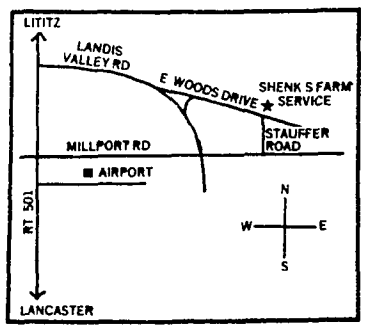

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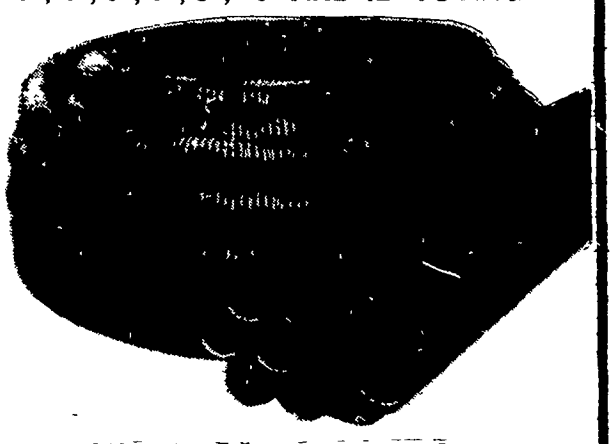
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# Hoover's cattle loss frustrating, controversial

By DIETER KRIEG

BAINBRIDGE — Clair Hoover and his wife are concerned about a problem that they have on their farm. Some of their cattle have been dying and nobody seems to know exactly why. The conditions of the animals have been diagnosed and it has been established that the cause of death was a severe uterine infection. But there are believed to be underlying causes and that's what puzzles the Hoover family.

Although their farm is within the 5-mile radius of Three Mile Island, both Mr. and Mrs. Hoover are quick to point out that they are not blaming their problem on radiation. Hoover, a dairy farmer, even goes so far as to say that he was not and still is not anti-nuclear. But he is concerned about the effects Three Mile Island may have had on the area during its course of operation.

Although Hoover's alleged loss of 19 head of cattle (some other authoritative sources say it was just three head that died) made the headlines coast-to-coast, Hoover claims he is not the only one with mysterious livestock problems. Reports have been confirmed that several other farmers in both Lancaster and York Counties are experiencing nutritional and breeding problems with their animals. But nobody is saying much, or pointing accusing fingers. Hoover, who says he never sought the publicity that he has received, isn't sure what his herd health problem is. Neither are the investigators at this point.

Hoover does admit, however, that the thought of radiation affecting his cattle has crossed his mind. He says he would be the happiest man in the world to find out that the problem is something which his own management would correct.

But just in case his own management isn't at fault, then he's worried about what's really going on and if this might also affect others in the area.

Says Mrs. Hoover:

"The financial losses we have suffered from losing cattle are disturbing, but what is really frightening is what this may have done to our children."

Hoover agrees and the couple has contemplated moving away from the farm Some of Hoover's advisors have speculated that the problems would be solved if he moved away from the area.

Hoover claims that several other farmers have similar problems but few want to talk about it, for fear of generating publicity which would hurt their own marketing situations, as well as the industry as a whole.

Hoover and his wife say they are thorougly tired of their ordeal - both emotionally and physically. The loss of cattle was bad enough. The publicity since then has been burdensome too. They had 35 reporters come to their farm earlier this week and correspondents are still inquiring daily. Newscasters are coming from around the world. Meanwhile, the Hoovers are trying to explain their problem and praying for recovery.

Acknowledging that the publicity from their farm and similar reports from others could hurt agricultural marketing, Hoover says he does not want to give farm products a negative slant. He opinonizes that such fears are the underlying cause of why other farmers with similar problems are reluctant to step forward and talk.

The events of recent weeks, including the handling of the accident on Three Mile Island, have eroded their confidence in public officials considerably, noted Mrs. Hoover. Both say they are not sure whom or what to believe anymore.

While the Hoovers are having their problems and there are reports of similar cases in Lancaster and York Counties, (although none with the kind of animal loss as found at Hoover's dairy farm) some common and authoritative opinions indicate that it isn't likely that Three Mile Island has anything to do with any of the alleged livestock problems.

At a meeting in York on Thursday night, for example, any such notion was quickly dismissed by farmers with accusations of

(Turn to Page 28)

Clair Hoover says he is not blaming radiation for the problems he's having on his farm, located 4½ miles from the nuclear facility. He says simply: "We have problems, but no answers." He says he wants the truth.


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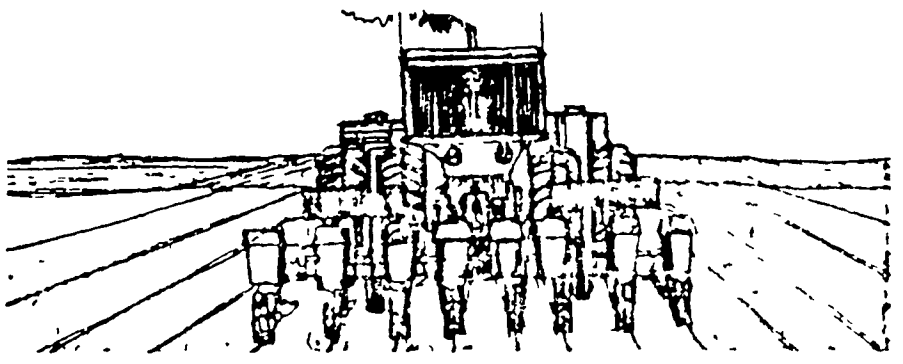

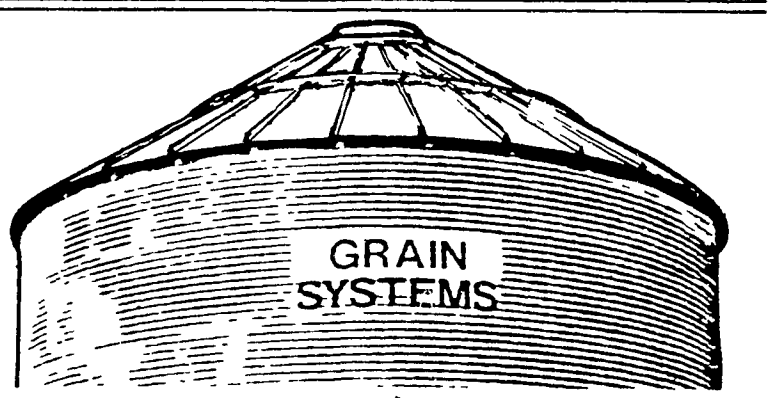


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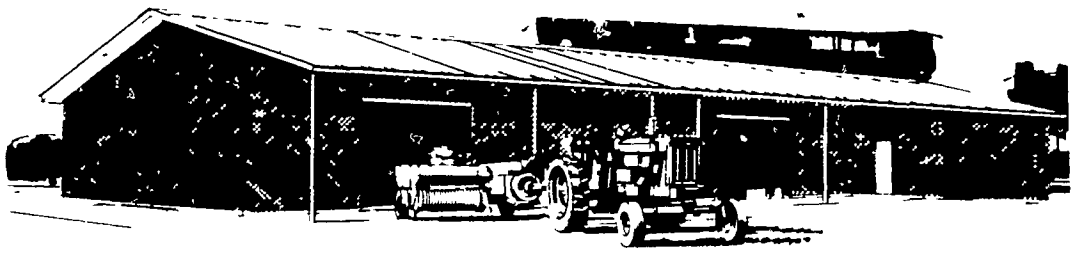

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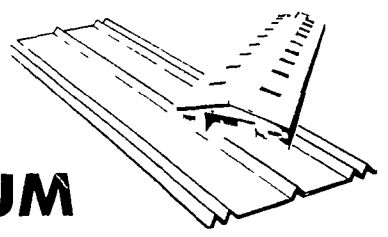

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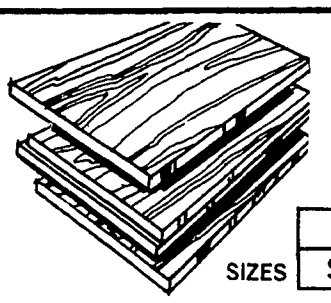

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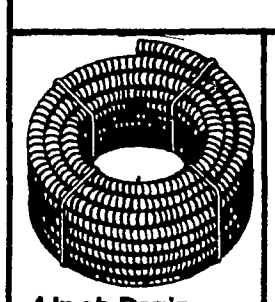

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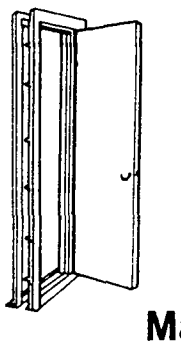

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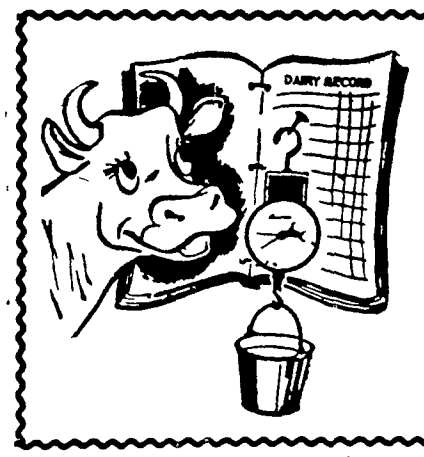


# Chester County DHIA Monthly Report

**APRIL 1979**

Melvin Stoltzfus had the high butterfat cow for records completed last month. His "Senator," a 7-year old Holstein, checked in with 1041 pounds of butterfat, derived from 22,266 pounds of milk testing 4.7 per cent butterfat. The high milk producer is "Sherry," owned by John S. Stoltzfus. She produced 22,347 pounds of milk with a 4.0 per cent test and 896 pounds of butterfat.

| OWNER NAME OR NUMBER BREED | AGE | DAYS IN MILK | LBS. MILK | % FAT | LBS FAT |
|---|---|---|---|---|---|
| Melvin S. Stoltzfus B3 | 32.8 | 99.5 | 61.5 | 4.0 | 2.49 |
| Jefferson D. Yoder 3 | 52.0 | 94.0 | 56.9 | 4.1 | 2.31 |
| John M. Umble 3 | 40.3 | 90.2 | 54.8 | 4.1 | 2.22 |
| John S. Stoltzfus 3 | 64.2 | 89.8 | 56.2 | 3.9 | 2.19 |
| Jonas Z. King B3 | 31.0 | 89.4 | 58.2 | 3.6 | 2.09 |
| Omer S. Smoker B3 | 72.6 | 95.6 | 55.7 | 3.6 | 2.02 |
| Wilmer L. Hostetter B3 | 40.4 | 90.8 | 51.3 | 3.9 | 2.01 |
| Paul M. Snader B3 | 29.0 | 91.1 | 47.8 | 4.2 | 1.99 |
| J. Raymond Harnish B3 | 75.3 | 88.4 | 53.3 | 3.7 | 1.97 |
| James V. Yale B3 | 57.0 | 93.2 | 47.2 | 4.2 | 1.96 |
| Ardrossan Farms 8 | 113.5 | 86.9 | 46.6 | 4.1 | 1.91 |
| Ben S. Beiler B3 | 52.1 | 86.6 | 51.3 | 3.7 | 1.90 |
| Hargret Dairy, Inc. B3 | 47.6 | 90.0 | 47.3 | 4.0 | 1.90 |
| Richard Proud & Son B3 | 54.6 | 90.2 | 49.9 | 3.8 | 1.89 |
| Delphi Farms 3 | 98.0 | 90.6 | 50.0 | 3.8 | 1.88 |
| David Walton 3 | 44.8 | 92.2 | 49.0 | 3.8 | 1.87 |
| Merle J. King B3 | 74.0 | 86.4 | 49.0 | 3.8 | 1.87 |
| Vernon Guest & Son B3 | 66.4 | 96.3 | 45.5 | 4.1 | 1.85 |
| Harold R. Kulp B8 | 92.1 | 98.4 | 47.9 | 3.8 | 1.84 |
| Walmoore B3 | 143.3 | 92.3 | 50.4 | 3.7 | 1.84 |
| Donald Horning G3 | 29.5 | 93.5 | 47.8 | 3.8 | 1.83 |
| Louis C. Neyman G8 | 35.8 | 89.6 | 44.7 | 4.1 | 1.83 |
| Paul King 3 | 78.0 | 91.7 | 45.7 | 4.0 | 1.83 |
| E. Richard Hoopes B3 | 59.2 | 92.9 | 46.8 | 3.9 | 1.83 |
| Floyd Miller G3 | 52.7 | 87.4 | 47.2 | 3.9 | 1.83 |
| Eli K. Stoltzfus — | 33.0 | 93.6 | 48.4 | 3.8 | 1.83 |
| David Bartram G3 | 89.9 | 95.6 | 43.8 | 4.2 | 1.82 |
| Harry Freese & Son B3 | 66.0 | 92.2 | 49.2 | 3.7 | 1.82 |
| J. Kenneth Landis B3 | 50.0 | 91.0 | 50.0 | 3.6 | 1.82 |
| Kimberton Farm School, Inc. 2 | 65.1 | 86.1 | 37.8 | 4.8 | 1.81 |
| Lloyd Mast & Sons 3 | 90.6 | 87.8 | 47.3 | 3.8 | 1.81 |
| Newton Evans, Jr. 3 | 83.8 | 88.7 | 51.3 | 3.5 | 1.81 |
| J. Elmer Lapp B3 | 38.6 | 90.8 | 47.7 | 3.8 | 1.80 |
| Christ L. Stoltzfus B3 | 52.8 | 87.3 | 48.8 | 3.7 | 1.80 |
| Walmoore #3 B3 | 150.8 | 93.4 | 46.3 | 3.9 | 1.80 |
| Mast Stoltzfus B3 | 55.0 | 89.6 | 46.0 | 3.9 | 1.79 |
| Donald L. Shoemaker B3 | 79.4 | 98.1 | 47.9 | 3.7 | 1.77 |
| Hypoint Acres B3 | 60.0 | 92.0 | 45.5 | 3.9 | 1.77 |
| David E. Weaver 3 | 71.0 | 90.2 | 44.1 | 4.0 | 1.76 |

(Turn to Page 22)


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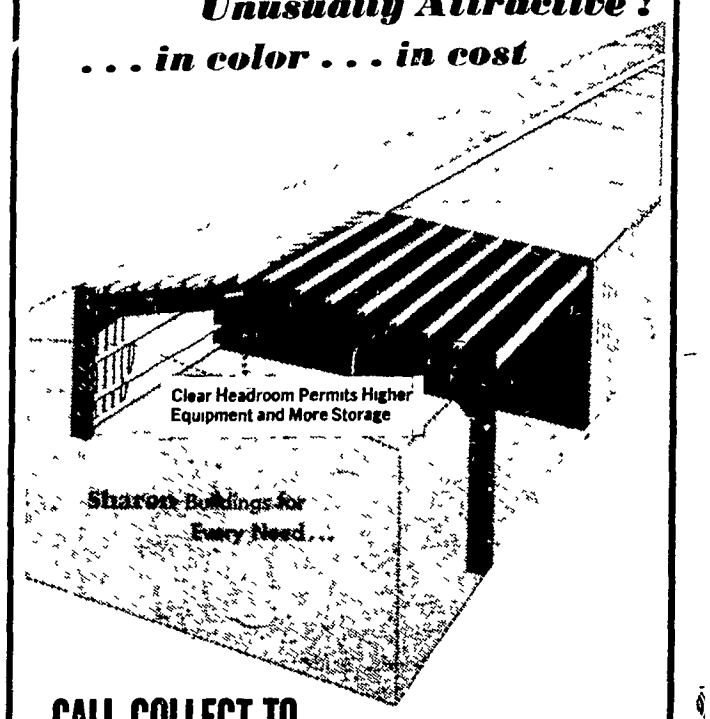


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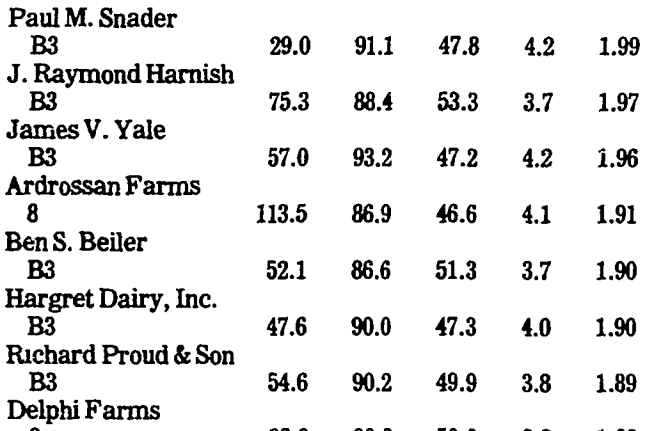

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# Gasohol

(Continued from Page 1)

from the oil industy Campbell and Marcus charge.

"Gasohol is receiving grass roots support -it's a move by the American public to fight back - it's even a protest, not just an alternative.

Mar-Cam industrries will receive their alcohol from a distillery in Philadelphia. Meanwhile, a group of investors, including farmers, has plans drawn up for building a distillery in the Wilkes-Barre area. This is in line with the national trend where, in some cases, farmers have already formed cooperatives to produce and market the alcohol necessary for gasohol.

Several other articles in this week's **Lancaster Farming** tell about gasohol and energy. More will follow in next week's edition.

# *Farms not affected*

(Continued from Page 1)

Kronfeld, who referred to himself as a vocal opponent of fission energy, agreed with the consensus that no harm resulted as a result of the TMI accident. He said he had looked at much of the data that has been compiled and added: "One gets confidence when different agencies are working quite independently and get the same results."

Questioned about the dead cattle that have been reported on a Lancaster County farm, the veterinarian said he was certain radiation had nothing to do with the deaths. He said that radiation would have damaged the natural immunity system of the animals, and that was not the case, according to examiners, with whom he was closely associated. Kronfeld himself was not directly involved in the case.

Using colorful slides of farmland and soil illustrations, Heddleson assured the group that soil chemists can detect whether or not soil has been contaminated by radioactive materials. He noted that a number of factors, such as topography, type of soil, water table, crops, etc. would have a bearing on how radiation would influence the soil and what grows in it. Analyzing everything, Heddleson emphasized: "We try to evaluate as best as we can and then try to tell you about the situation as it exists."

While no pockets of radioactive soil have been confirmed to exist, Heddleson and his associates noted that such a condition could indeed exist. Granlund showed pictures which documented the wind direction and degree of radiation. The men admitted that concentrations of radioactive materials could settle within small areas. This is due to hills, valleys, air movements, and other factors in topography and weather.

Nothing has been found to indicate that this happened, the scietists said. Reports of dead or extremely ill animals are contributed to nutritional difficiencies. In the case involving dead animals on a Lancaster County farm near Bainbridge, death resulted because of severe cases of septic metritis, Kornfeld said.

While the majority of the audience stayed silent even during the questioning period, some questions were raised.

Claiming that she has chronicled health problems of livestock, dogs and cats since 1977, one lady exclaimed: "Nature is telling us we have a problem. I don't know what it is, but we do have a problem, there is obviously something wrong."

At one point, when the livestock problems of some farmers were brought up, the overwhelming reaction from the audience was "bad management, negligence, poor nutrition - radiation is just a good excuse!" Some farmers were obviously annoyed about the attention the media was giving to the case, claiming that their markets would be hurt.

According to the scientists who spoke here at York on Thursday night, the radiation released from TMI had the potential for a disaster, but it was averted. The farmer, his livestock, his fields, and their products, are all okay.


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# Oxford FFA honors members at 30th banquet

By SUSAN KAUFFMAN
Staff Correspondent

OXFORD – State FFA Secretary Sheryl Bollinger encouraged the members of the Oxford FFA Chapter to grasp the opportunities in the organization presented to them now, as well as in the future She explained to the members, faculty, parents and guests at the thirtieth awards banquet, the greatest difference can be made if one has a positive attitude.

Honoring those members who have excelled in many project areas, advisors Kenneth Thompson and Scott Gold presented the awards. Alan Mason and David Wylie were recipients of Star Chapter Farmer awards as well as Keystone awards.

Other Keystone winners were Dale Davis, Renee McCardell and Jerry Miller.

In addition to these two honors Mason also received an anonymous award for a college bound student and the DeKalb Agri Accomplishment award. Masons projects were dairy and swine. He is the son of Mr. and Mrs. Robert Mason, Nottingham R1.

The Chapter also elected honorary Farmers from the community who have in the past assisted many FFA'ers and the organization as a whole Recipients of this award were business teacher Richard Frampton and production manager for Herr's Potato Chips, Daniel Jackson

Among those receiving foundation awards were Alvin Miller and Steve Tasco for their agri mechanics projects Besides these two freshmen, agri mechanics foundation award winners were tenth graders Mark Connor and Robert Parry

Shop Safety recipients were Steve England, Gary Weaver and Albert Brimeier

Public speaking award recipients were Alvin Miller and Charles Astle

Dairy production awards went to Deanna Willis, Jeff Roland, Edwin Zook and William Sumner.

Timothy Siple captured the beef production award Swine production was given to Robert Lamborn and horse proficiency went to Sandra McKinney.

Horticulture awards went to Marie Brimeier and Andrew McClure.

The turf and landscaping award was given to Dale Davis.

Charles Hayes received the diversified livestock award.

Keystone Farmer recipients at the Oxford FFA banquet were (left to right) Dale Davis, Renee McCardell, David Wylie, Jerry Miller, and Alan Mason.

Other winners included Alan England, Matthew Brimeier and Elmer Janney in sales and service and Alan Peterson and William Sumner in agri processing.

Poultry production went to Samuel Norton. Richard Melrath, Dale Davis, Michael Coomes and Michael Moran took home crop production awards.

First place County record book winners included Matt Brimeier, Mike Coomes, Dale Davis, Danny Hamm, Joe Kinney, Alan Mason, Bob Lamborn, Barry Hostetter, Allen Lindsey, Ferlin Roop and Geraldine Miller. Also, Angela King, Ed Breckbill, Bob Parry, Charles Astle, Carol Carter, Danny Miller, Sandy Peterson, Dave Wylie, Mike May, Bill Sumner, Sandy McKinney and Bonnie Lamborn.

Second place county record book winners were Steve Carter, Donna Johnson, Renee McCardell, Bill Brantner, Joe Fisher, and Randy Thomas. Also, Darwin Vickers, Betty Townsend, Bonnie Lamborn, Deanna Willis, Melinda Brown, Tom Williams, David Hamm, Bonnie Arrowood, Gary Weaver and Valerie Weaver.

Also cited for their outstanding record book competition in the state contest were Bernie Hostetter (51st), Dale Davis (46th), Alan Mason (28th),

(Turn to Page 21)


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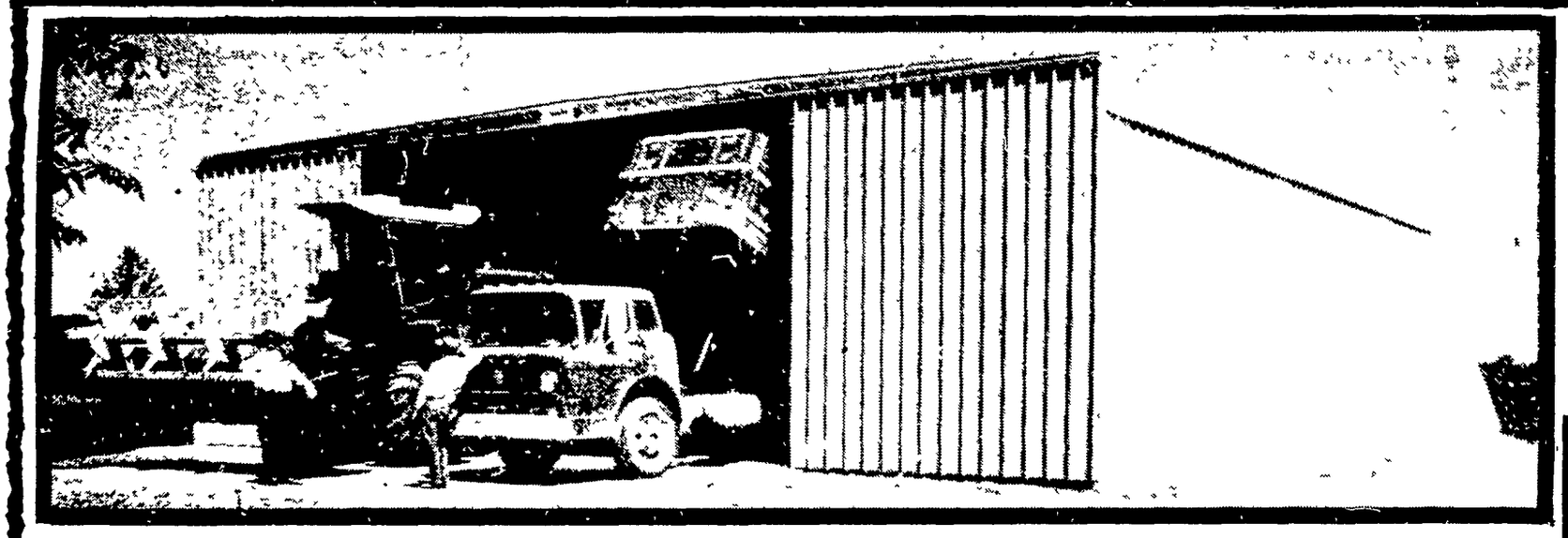

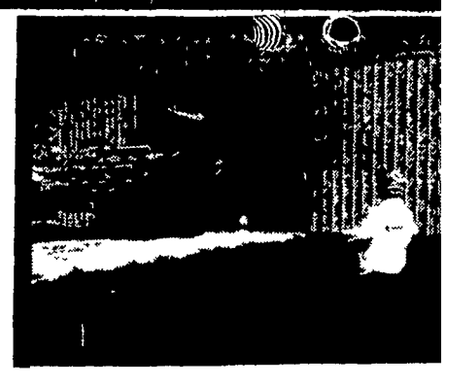

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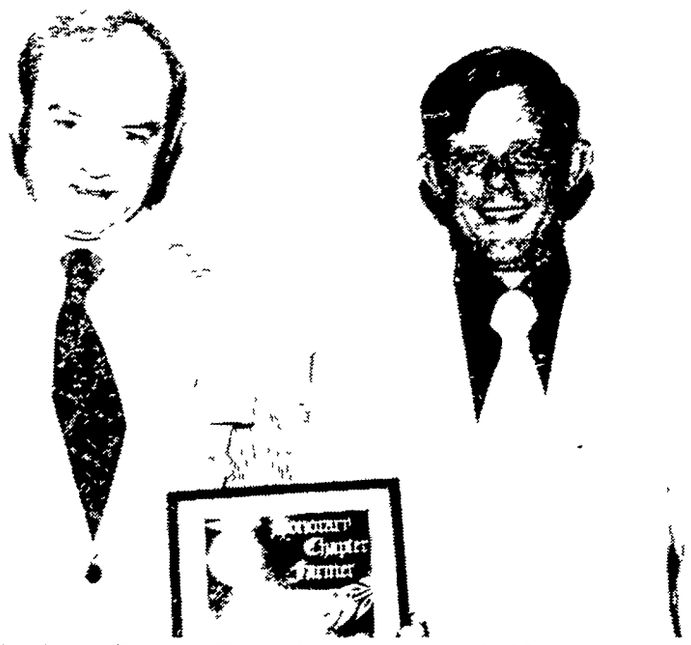
Phone 302 337-8211

Terry King, Suzanne Dougherty, and William Wylie (left to right) were named Star Greenhands at the recent Oxford FFA Chapter's banquet.

David Wylie (left) and Alan Mason were both recipients of the Star Farmer Degree.



Daniel Jackson (left) and Richard Frampton were awarded Honorary Chapter Farmer Degrees.

# Oxford

(Continued from Page 20)

Ed Breckbill (25th), Allen Lindsey (21st), Ferlin Roop (19th), Barry Hostetter (16th) and William Sumner (11th).

Certificates of appreciation were given to members of the community for their help to the Chapter. Lawrence Wood, Mack Reece, Joel Brown, James Stanton, Kennard Henley, Timothy Barlow, Alvin Stoltzfus and Mr. and Mrs. William Seely received these certificates for their efforts on the chapter's behalf.

Greenhand degrees were bestowed upon Charlotte Carter, Sheila Anderson, Sue Dougherty, Denise Greer, Sandy McKinney Marie Brimeier, Allen Fowler, Joe Griekspoor, Steve Tasco, Shay McFadden, Tim Siple, Steve Brown and Mike Willis. Also, Andy McClure, Dutch Hamm, Dave Robinson, Rick Patton, John Haldaway, Joe Johnson, Jerry Jennings, Steve England, Jeff Price, Bill Wylie, Alvin Miller, Terry King and Tim Farkas.

Chapter Farmer degrees went to Alan Mason, Dave Vickers, Albert Brimeier Tom Culberson, Alan England, Bernie Hostetter, Kenny Pierson, Jeff Roland, Deanna Willis, Carol Carter, Bonnie Arrowood, Bonnie Lamborn and Ernie Louto. Also receiving this degree were Valerie Weaver, Gary Weaver, Sandy Peterson, Danny Miller, Melinda Brown, Tom Williams, Dawn Evans, Bob Parry, Don McIvor, Mark Connor, Charles Astle and Richie Melrath.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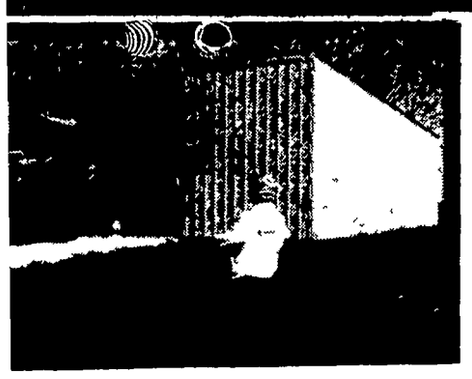

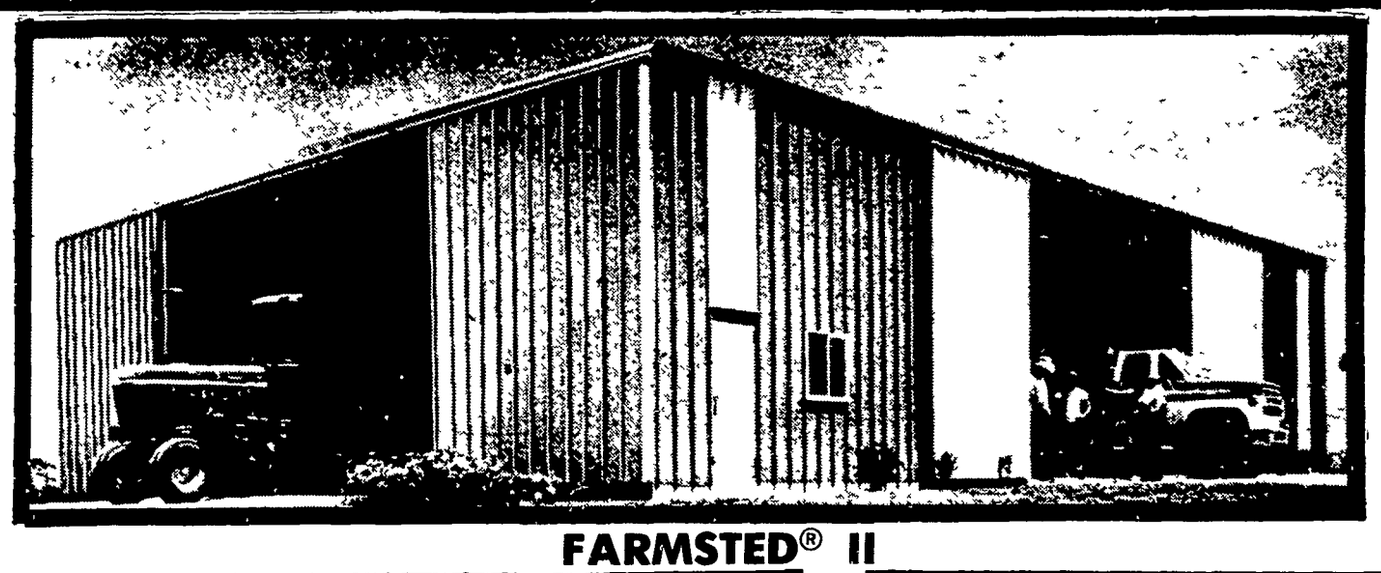

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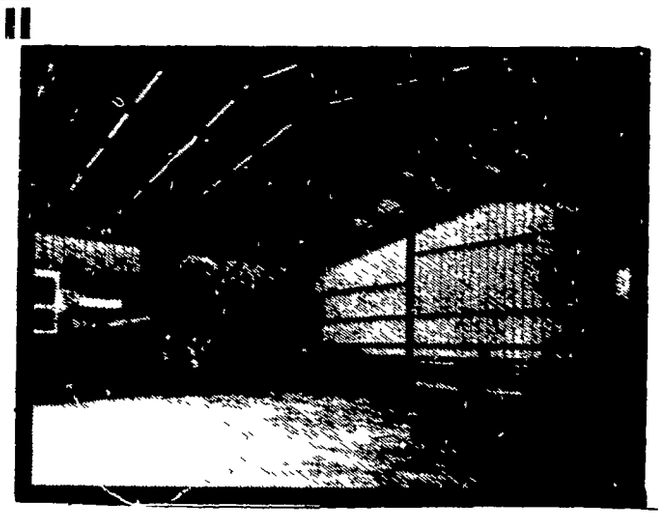

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# Chester County DHIA

(Continued from Page 18)

| | | | | | |
|---|---|---|---|---|---|
| Robert W. Campbell B8 | 35.8 | 90.7 | 46.3 | 3 8 | 1 76 |
| Chester Hills Farm G8 | 160 8 | 93.8 | 41.5 | 4 2 | 1.76 |
| Earl Mast B3 | 33.4 | 87.7 | 45.6 | 3.8 | 1.75 |
| Elmer A. Mast B8 | 66.9 | 90.7 | 39.3 | 4.4 | 1 74 |
| Enos R. Peifer B3 | 48.3 | 88.6 | 44.9 | 3.9 | 1.74 |
| H. & R. Mason 3 | 118.5 | 91.6 | 44.9 | 3.9 | 1.73 |
| Willowland Farm 3 | 60.6 | 84.6 | 47.2 | 3.7 | 1.73 |
| John R. Groff B3 | 52.5 | 78.8 | 44.9 | 3.9 | 1.73 |
| Round Top Farm B3 | 69.8 | 85.1 | 46.2 | 3 7 | 1.73 |
| John P. Kauffman B3 | 39.8 | 94.2 | 46 4 | 3.7 | 1.73 |
| Marsh Acres Farm B3 | 92.0 | 89.4 | 43.0 | 4.0 | 1.72 |
| Walmoore #1 B3 | 146 5 | 95 8 | 45 3 | 3 8 | 1 72 |
| Elam Petersheim 3 | 63 2 | 90.5 | 48 7 | 3 5 | 1 72 |
| Kauffman Bros 3 | 58.7 | 89.0 | 45.9 | 3 7 | 1 72 |
| Calvin R. Blank B3 | 50.2 | 95.0 | 47 1 | 3.7 | 1.72 |
| Gottlieb Strohmaier B3 | 93.7 | 88.9 | 45.3 | 3.8 | 1 71 |
| Richard L Breckbill B3 | 79.1 | 92.3 | 53.5 | 3.2 | 1.71 |
| Timothy Kauffman 3 | 54.0 | 95.0 | 47.0 | 3.6 | 1.70 |
| David Windle B3 | 45.1 | 86.8 | 47.9 | 3.5 | 1.70 |
| Vernon Guest & Son B3 | 67.5 | 92.6 | 43.9 | 3.9 | 1.70 |
| Benjamin Kauffman 3 | 25.3 | 93.0 | 40.7 | 4.2 | 1.69 |
| Harvey C. Waltz B3 | 82.1 | 86.1 | 48.4 | 3.5 | 1.69 |
| Landis S. Reid B3 | 62.0 | 95.3 | 49.2 | 3.4 | 1.69 |
| A. Richard Stauffer B3 | 29.0 | 90.8 | 43.8 | 3.8 | 1.67 |
| St. John's Dairy — | 69.0 | 99.3 | 41.7 | 4.0 | 1.67 |
| H. R. & H. L. Brown B3 | 138.4 | 93.1 | 41.9 | 4.0 | 1.66 |
| Harold J. Ranck 3 | 60.7 | 87.0 | 42.2 | 3.9 | 1.66 |
| Dean Roland B3 | 70.0 | 82.4 | 40.7 | 4.1 | 1.66 |
| Richard Hostetter B3 | 86.0 | 94.3 | 45.4 | 3.6 | 1.64 |
| Jonas E. Stoltzfus 3 | 35.4 | 87.5 | 44.5 | 3.7 | 1.63 |
| Mrs. John B. Hannum, 3rd G3 | 77.1 | 90.4 | 45.3 | 3.6 | 1.63 |
| Robert H. Herr B8 | 33.0 | 82.7 | 42.6 | 3.8 | 1.63 |
| Horace Prange B3 | 51.1 | 88.6 | 41 4 | 3.9 | 1.62 |
| Aaron Burkholder B3 | 38.9 | 85.7 | 42.1 | 3.8 | 1.62 |
| Herman Stoltzfus B8 | 82 1 | 82 7 | 42 8 | 3 8 | 1 62 |
| Henry M Hershey B3 | 62 5 | 95 9 | 39 6 | 4 1 | 1.61 |
| W B Dixon Strowd G3 | 96 8 | 91 2 | 42 0 | 3.8 | 1.61 |
| Indian Spring Farm B3 | 92 0 | 89 8 | 41 2 | 3.9 | 1.61 |
| Samuel B Acker B8 | 172 2 | 86 2 | 42 2 | 3.8 | 1 60 |
| Charles J Moore B8 | 49 3 | 81 0 | 43.6 | 3.7 | 1.60 |

| OWNER BREED | NO COWS | % DAYS IN MILK | LBS MILK | % FAT | LBS FAT |
|---|---|---|---|---|---|
| Melvin S. Stoltzfus | | | | | |
| Senator | 3 | 6-11 | 305 | 22,266 | 4 7 | 1041 |
| Susu | 3 | 3-8 | 290 | 16,565 | 4.3 | 709 |
| John M Umble | | | | | |
| Carmen | 3 | 4-8 | 305 | 21,965 | 4 3 | 951 |
| Dream | 3 | 6-7 | 305 | 20,293 | 4 1 | 842 |
| John S. Stoltzfus | | | | | |
| Sherry | 3 | 4-3 | 305 | 22,347 | 4.0 | 896 |
| Thelma | 3 | 3-4 | 305 | 19,022 | 4.6 | 875 |
| Jer | 3 | 4-2 | 305 | 19,913 | 4.1 | 825 |
| Hifi | 3 | 3-0 | 297 | 18,874 | 4.3 | 813 |
| Connie | 3 | 3-0 | 305 | 20,353 | 3.7 | 750 |
| Rea | 3 | 5-2 | 299 | 18,519 | 4.0 | 744 |
| Parla | 3 | 4-2 | 305 | 18,445 | 4.0 | 730 |
| Kauffman Bros. | | | | | |
| Beaut | 3 | 8-9 | 305 | 18,424 | 4.7 | 866 |
| Ardrossan Farms | | | | | |
| EX Lucit | 1 | 9-10 | 305 | 21,645 | 4.0 | 860 |
| C Rose | 1 | 5-8 | 305 | 15,958 | 4.8 | 766 |
| SV Lucit | 1 | 8-3 | 305 | 17,764 | 4.0 | 706 |
| David Walton | | | | | |
| Jean | 3 | 6-10 | 305 | 19,955 | 4.3 | 851 |
| Maybell | 3 | 6-11 | 305 | 18,218 | 3.9 | 706 |
| Benjamin K. Kauffman | | | | | |
| A Model | 3 | 5-9 | 305 | 20,612 | 4.1 | 850 |
| Smokey | 3 | 2-11 | 305 | 16,579 | 4 4 | 737 |
| Allen S. Hoover | | | | | |
| #137 A | 3 | 0-0 | 305 | 20,420 | 4.1 | 834 |
| #140 | 3 | 3-7 | 305 | 21,517 | 3.5 | 758 |
| Jefferson D. Yoder | | | | | |
| #27 | 3 | 4-6 | 305 | 22,113 | 3.7 | 808 |
| #41 | 3 | 2-4 | 305 | 18,022 | 3.9 | 706 |
| Henry S. King | | | | | |
| Twila | 3 | 8-0 | 305 | 20,288 | 3.9 | 796 |
| James V. Yale | | | | | |
| #53 | 3 | 7-7 | 305 | 18,762 | 4.2 | 793 |
| Round Top Farm | | | | | |
| #70 | 3 | 3-9 | 305 | 18,254 | 4.3 | 792 |
| Marsh Acres Farm | | | | | |
| #201 | 3 | 5-1 | 305 | 20,694 | 3.8 | 787 |
| Mrs. John B Hannum, 3rd | | | | | |
| #92 | 3 | 6-1 | 305 | 19,098 | 4.1 | 787 |
| Dean Roland | | | | | |
| G28 | 3 | 9-6 | 305 | 21,753 | 3.5 | 758 |
| Vernon Guest & Son | | | | | |
| Cynthia | 3 | 3-8 | 297 | 16,577 | 4.5 | 750 |
| Louis C. Neyman | | | | | |
| #21 | 3 | 3-2 | 305 | 21,210 | 3.5 | 734 |
| E Richard Hoopes | | | | | |
| #41 | 3 | 4-8 | 305 | 19,252 | 3.8 | 724 |
| Paul King | | | | | |
| Helen | 3 | 8-1 | 305 | 17,586 | 4.1 | 717 |
| Harold Umble | | | | | |
| Petunia | 3 | 3-1 | 305 | 18,718 | 3.8 | 713 |
| Hypoint Acres | | | | | |
| Lomax | 3 | 2-7 | 305 | 18,340 | 3.9 | 712 |
| C. Edward Lawrie | | | | | |
| #1 | 3 | 6-6 | 305 | 15,805 | 4.5 | 708 |
| Merle J. King | | | | | |
| Flossie | 3 | 7-1 | 305 | 18,213 | 3.9 | 707 |
| Dennis Bush | | | | | |
| #150 | 3 | 4-7 | 305 | 16,012 | 4 4 | 706 |
| Horace Prange | | | | | |
| Pretty | 3 | 8-9 | 305 | 18,351 | 3.8 | 700 |
| H & R Mason | | | | | |
| #10 G | 3 | 3-10 | 305 | 18,292 | 3.8 | 700 |

Roman sailors regarded a shooting star as a sing of storm.


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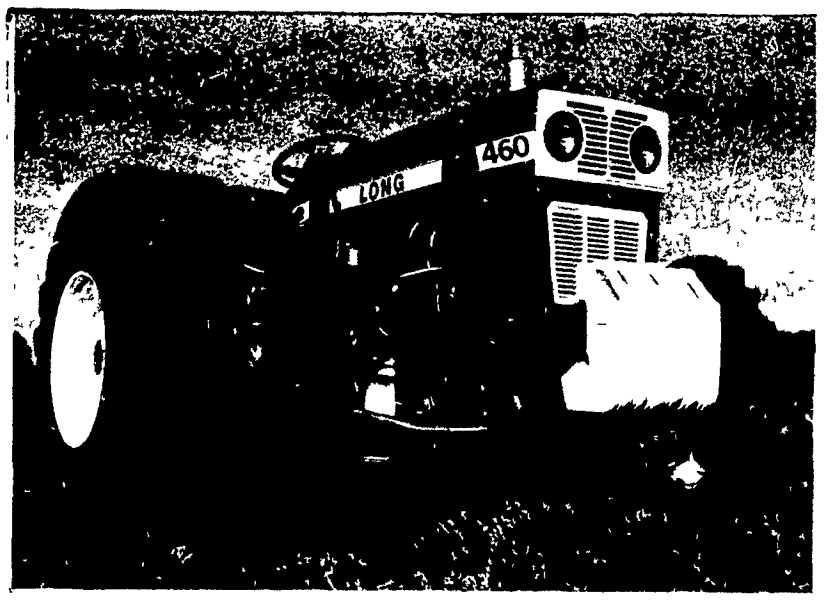


The Long 460-DT tractor offers good performance and economy with the added traction of four-wheel drive . . . up to 40% more traction on field stubble; 15% more traction on concrete surfaces, than with conventional two-wheel drive tractors.

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# Slaughter steers

(Continued from Page 1)

at 1100 to 1375 lbs. brought 74.75 to 76.00, with a few head going for 76.75 to 77.25. Choice, yield grade 2 to 4, weighing 1000 to 1350 lb. 71.75 to 74.75, with a few lots bringing 74.75 to 75.10. high good and low Choice, yield grades 2 to 3, brought 70.00 to 73.50.

And at the New Holland Livestock Auction, New Holland Sales Stables, on Thursday of this week, slaoughter steers were reported to be $1.00 to 1.50 higher, with instances of being 2.00 higher with the Standard and low Good being mostly $2.00 higher.

At New Holland, High choice and Prime slaughter steers yield grade 3 to 4, at 1150 to 1470 lbs brought 73 25 to 75 00, with a few selected Choice yield grade 2, bringing 1050 to 1200 lbs bringing 75.75 to 77.50; Choice 2 to 4, 1000 to 1350 lbs went for 72.25 to 75.00, with a few at 71.75 to 72.25. High good and low choice steers sold for 70.75 to 73.85; and Good, yield grade 2 to 3, brought 68.00 to 72.25.

For a more complete picture of both the local and national market reports for this week, turn to the market pages of **Lancaster Farming**, which begin on page 2. A complete report of the Lancaster County markets can be obtained by reading the Lancaster Weekly on page 2, which is a summary of the area markets for the week.

# Orchardists

(Continued from Page 1)

chard over the last eight years. He worked with the Pennsylvania State University with an integrated pest program. He was able to hold the chemical bill constant. This was his first year with a notable change in costs. "We have gotten all the fuel we need so far," Groff said, "but I see substantial cost increases in related chemicals and fertilizer.

# Agriculture's stake

(Continued from Page 14)

against them and settle the dispute.

The purpose of the product standards code is to discourage use of product standards, product testing and product certification systems as unnecessary barriers to trade. It would establish international dispute settlement procedures by which countries which sign the code may complain of code violations by other participating countries. The complaints would be reviewed and limited retaliatory action taken if necessary.

The government procedure code is intended to discourage discrimination against foreign suppliers when governments purchase articles for their own use. However, the effects on U.S. agriculture will likely be small since agriculture procurement programs are excluded from the code.

The purpose of the licensing code is to simplify and harmonize the procedures importers must follow to obtain import licenses, so these procedures do not themselves constitute an unnecessary obstacle to trade. Since U.S. licensing is in harmony with the code, the United States will be a clear net beneficiary.

The customs valuation agreement is designed to establish a uniform international system of determining the value of imported goods when the tariff collected is a percentage of that value. No major impact is anticipated in U.S. agricultural trade.

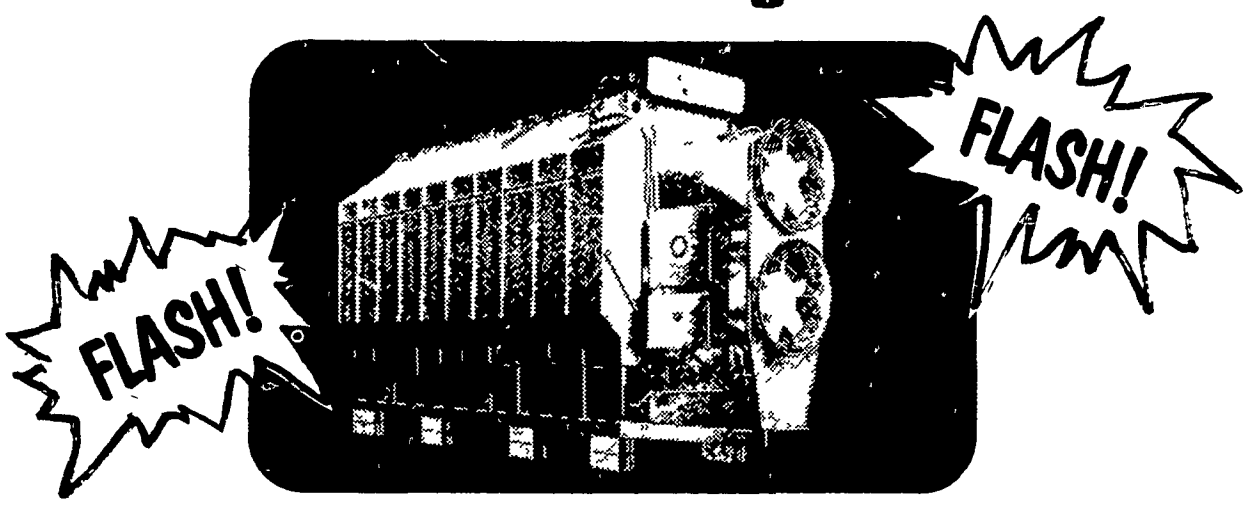
Negotiations included an international dairy arrangement to provide for an exchange of information and consultations to identify remedies for serious market imbalances, as well as floor prices for world trade in cheese, butter and nonfat dry milk.

They also included a bovine meat arrangement to provide for information sharing, market monitoring and international discussions on production and trade on a regular basis. It has no economic provisions.


JUST RECEIVED

NEW FARM FANS GRAIN DRYERS

...Model AB-500A Staged Automatic

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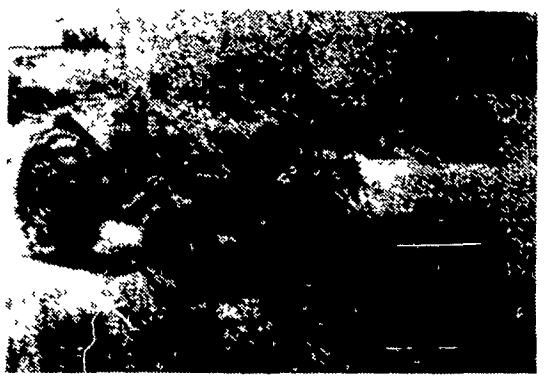
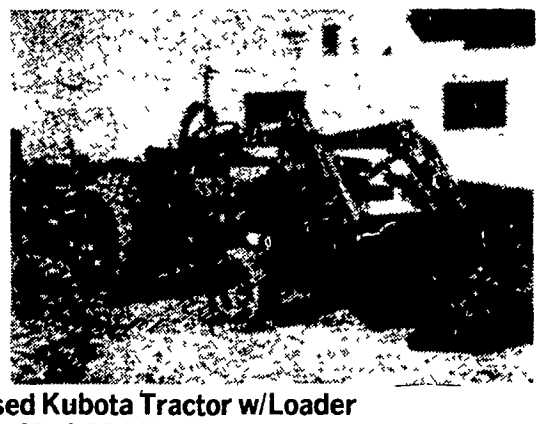
Oliver 1800 Diesel Tractor ..... $4,850.



Ferguson 30 Tractor ..... $1,850.



Used Kubota Tractor w/Loader Model L225, A-1 Condition ..... $4,375.

New Holland 479 Haybine..... $2,750.

USED TRACTORS

| | |
|---|---|
| John Deere 50 | $1,250.00 |

USED HARVESTER SPECIALS

| | |
|---|---|
| NH 880 2-row narrow row head | $3,650.00 |
| NH 717 Single Row Head, 9 Knife Cutter Bar | 1,795.00 |
| NH 717 w/1-row head | 2,195.00 |
| NH 717 | 1,175.00 |
| John Deere #12 w/single Row Head | 150.00 |

USED BALER SPECIALS

| | |
|---|---|
| New Holland 67 | $775.00 |
| John Deere 14T | 750.00 |
| John Deere 14T w/ejector | 450.00 |
| John Deere 24T | 950.00 |
| John Deere 24T w/thrower | 1,750.00 |

USED PLANTER SPECIALS

| | |
|---|---|
| Tag 11650 John Deere 1250 - 6 Row Plateless | $2,350.00 |
| 1229 Ford 4 Row | 775.00 |

MISCELLANEOUS

| | |
|---|---|
| John Deere #18 1-row Corn Picker | $950.00 |
| New Set 18 4x30 Snap on Duals w/New Goodyear 6 Ply Tires | 1,050.00 |

USED GRAIN DRILLS

| | |
|---|---|
| Co-op 15x7 Fert Grain Drill w/grass seed attach | $750.00 |
| John Deere 15x7 FBB Drill | 550.00 |

USED HAYBINES

| | |
|---|---|
| John Deere 9 | SOLD |
| New Holland 479, as is | 2,750.00 |
| | 2,150.00 |

USED TILLAGE SPECIALS

| | |
|---|---|
| MF 620 12' Disc Harrow | $2,950.00 |
| Oliver Disc 9' | 1,175.00 |
| Ford 4-16" Plow | 950.00 |
| John Deere RW 12' Disc | 925.00 |
| John Deere KBA 32x18 Wheel Carrier Disc | 875.00 |
| John Deere KBA 28-18 Disk | 850.00 |

USED COMBINE SPECIALS

| | |
|---|---|
| Cockshutt 427 w/Power Steering & 10' Platform | 1,450.00 |
| AC Model E w/10' platform, pickup reel, 2 row corn head, real clean | 5,750.00 |
| John Deere 55 Corn Soybean Special 12' head | 9,700.00 |
| John Deere 55 Combine w/cab and 12' Platform | 7,500.00 |
| 235 Corn Head | 1,000.00 |

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# 'Don't count on gasohol in the near future'

By JERRY WEBB
University of Delaware

NEWARK, Del. – Don't count on gasohol as the solution to this nation's energy problems, at least not in the foreseeable future. You've probably heard about how this product is already on the market and how industry is gearing up to produce gasohol on a large scale – but that's not the whole story.

Gasohol was supposed to solve two big problems at the same time. It was going to provide energy for a fuel-short nation and use up an abundance of farm produced grain. But it's just not working that way. In the first place, gasohol is still 90 per cent gasoline and only 10 per cent alcohol. And in the second place, it's too expensive to produce. It just doesn't make economic sense to blend 96 cents a gallon alcohol into 80 cents a gallon gasoline. The fuel crisis will have to get much worse or the technology of producing alcohol from grain will have to improve before we can expect much of a shift in this direction.

United States Department of Agriculture economists have been taking a hard look at the whole gasohol program, primarily due to urging from Congress. The technology is there all right.

Jerry Webb

Several grains can be used to produce alcohol. Corn seems to be the best bet. A bushel of corn will yield 2.6 gallons of ethanol and a quantity of distiller's grain, which is a high protein animal feed. So from the farmer's point of view it looks good. Just take those mountains of surplus grain, squeeze the alcohol out and feed the rest to livestock. But USDA says the squeezing is a little too expensive. Even considering the 10 per cent blend of the higher priced alcohol it would mean pricing gasohol at a nickel or more above current retail prices for gasoline.

That's not to say that future increases in Arab oil prices won't make this whole gasohol project look a lot more economical or maybe the value of the distillers' grains will be enough to help offset some of this difference But there's another side to this story Consider the cost of setting up distilleries to produce enough ethanol for a national gasohol program. USDA says it would take 500 plants producing 20 million gallons annually and that would carry a price tag of at least 15 billion dollars. And then there's the matter of storage and service station facilities that would have to be added.

And here's the final kicker which has to be the kiss of death for gasohol for the near future. USDA indicates the amount of energy needed to produce ethanol exceeds the amount of energy provided by the final product. Add to that the fact that the energy produced from a $2 bushel of corn falls far short of the amount of energy that can be bought with that same bushel of corn in the oil import market

So unless the Arabs decide to increase prices drastically or reduce supplies drastically, gasohol isn't going to have much of an impact. It is an alternative for some of our energy needs if the prices is right. But that's not apt to happen any time soon. Farmers who are counting on this new market to affect current low corn prices are wishing on a star They'll continue to be affected much more directly by weather, crop reports, meat animal inventories, and the world market. Their best short range hope for improved corn prices will come from some yet-to-be-made grain deals that might lie somewhere in the future

The concept of grain-based fuel is a good one. Wouldn't it be great if we could solve this nation's energy crisis with farm produce and wouldn't it be great if we could drive around in our big cars knowing that we were burning a resource as renewable as corn? And wouldn't farmers take on a new feeling of pride if they could be the ones fueling as well as feeding this great nation? Maybe that's still a long range prospect, a dream whose time has not yet come

Meanwhile the technology improves, the price of oil goes up, and the long-range feasibility of gasohol remains a possibility

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## Time for spring bulb care

MEDIA - Occasionally the "don'ts" in gardening are as important to the quality of the plants as the "do's." Right now, there is a very important "don't" right now, advise experts.

This "don't" applies to spring flowering bulbs that are just finishing their bloom. The foliage of these bulbs is starting to mature and turn yellow. Now and during the next several weeks it can look terrible. All too often, gardeners try to help nature along by removing the foliage to clean up the garden. As far as the bulbs are concerned, this is the worst thing one can do at this time of year. Bulbs need all the foliage they have as long as it is green. The foliage is necesary to manufacture food which is stored in the underground bulb for next year's flower. If the bulbs are weakened from lack of adequate food storage there may be few or no flowers next year.

One can use a shallow rooted annual or perennial to cover up the foliage. For example, a person can plant petunias, marigolds, salvia, chrysanthemums or myrtle.

The first known advice column was in London's *The Ladies Mercury*, in 1693.

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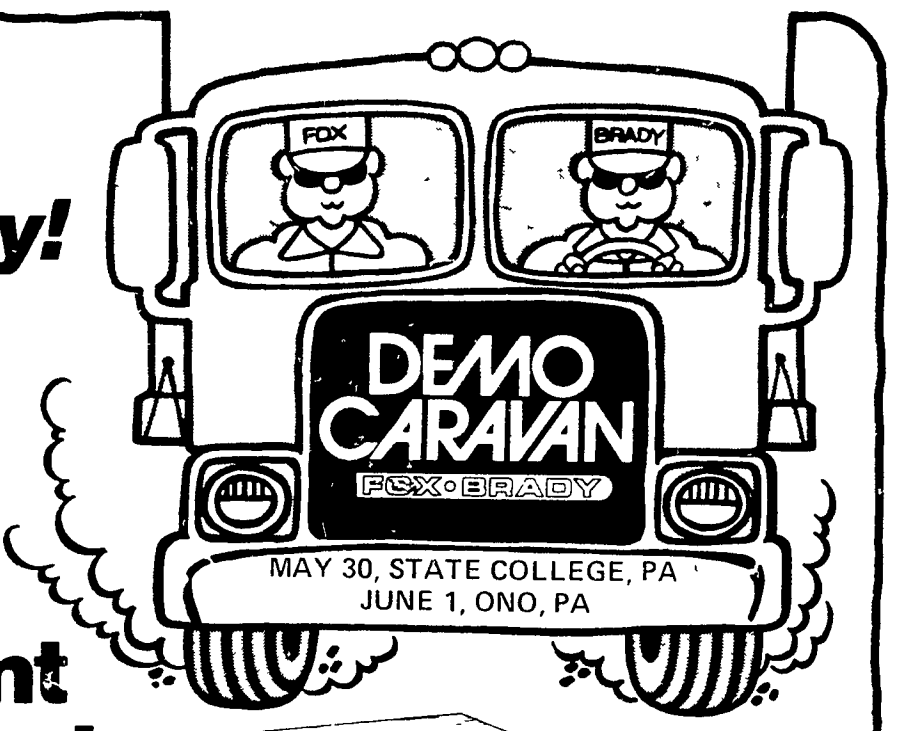


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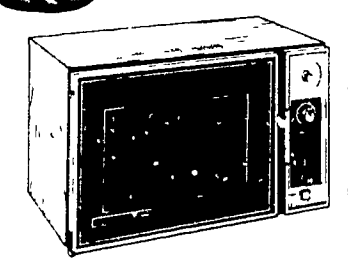

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# Gasohol production receives USDA blessing

WASHINGTON, D.C. – Deputy Secretary of Agriculture Jim Williams said last week the U.S. Department of Agriculture (USDA) will take action to help make land and feedstocks available to support fuel alcohol production.

But he said it is important to make sure in considering ways to develop gasohol that we do not make changes in agricultural policy that "might prove counterproductive to farm producers or other segments of the economy."

Williams remarks were in testimony before Joint Subcommittees of the House Agriculture Committee considering gasohol legislation.

He said the Department also intends to use the authority provided under the Emergency Agricultural Act of 1978 to make available set-aside acreage for alcohol fuel feedstock, provided there is a "demonstrated market demand" by distilleries.

"We will take this need for alcohol fuels into account in all decisions that are made on set-aside acreage," Williams said.

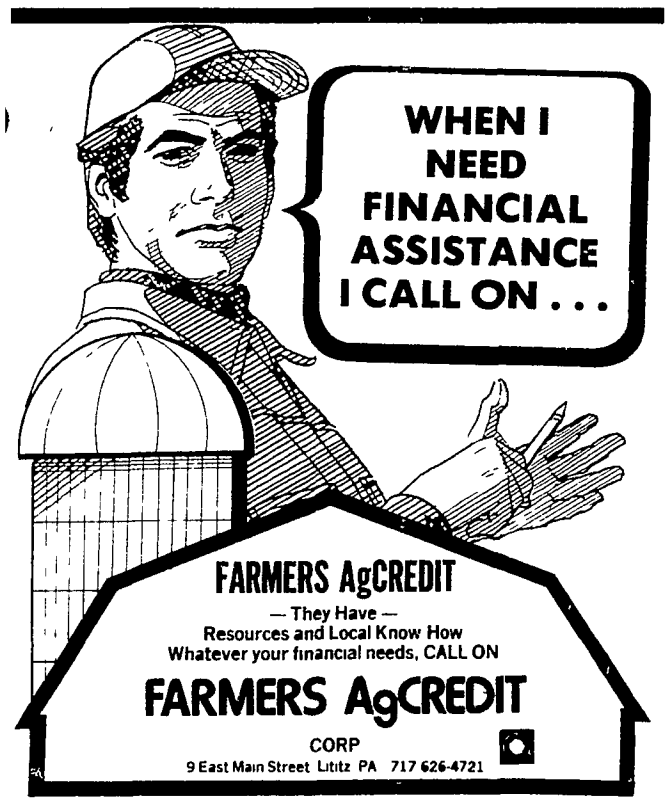
He said that USDA will also take into account the feedstock requirements of fuel alcohol distilleries in determining and maintaining the proper level of grain reserves

"We recognize that fluctuations in grain supplies and prices will be a problem for alcohol distillers. Our grain reserve policy can accomodate grain production for fuels by providing a measure of year-to-year stabilization of grain feedstock supplies and costs," Williams said.

He said USDA will take "constructive action to try to make sure that land and feedstocks are available to support fuel alcohol production. We believe that sufficient authority now exists for USDA to meet these responsibilities."

Williams reiterated the President's commitment to support gasohol, pointing out that USDA has tentatively agreed to assist two pilot projects for fuel-grade ethanol production under the Food and Agriculture Act of 1977. The department will commit loans guarantees of $30 million to the projects.

"USDA is also greatly expanding its research and developmment on alcohol fuels," he said. "In fiscal year 1980, we are programming almost $6 million for this work, including almost $4 million for field testing of new crop varieties suitable for use as ethanol feedstocks and for the development of more efficient methods to convert agricultural materials into ethanol. The other $2 million is programmed for the design of small-scale, on-farm technologies for producing fuel and combustible methane," Williams said.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# Pa. ag fuel consumption survey disclosed

UNIVERSITY PARK – Petroleum supplied 61 per cent of all fuel used by the food industries in Pennsylvania during 1977, a survey made by Thomas E. Gesell of The Pennsylvania State University has disclosed. Mr. Gesell sampled the energy consumption patterns of the nearly 2000 food manufacturing and food processing firms in the Commonwealth.

Heavy reliance on petroleum was found in industries involving meat and dairy products, bakery goods, and a category termed "all other food industries." The latter group includes sugar and confectionery products, fats and oils, beverages, and miscellaneous foods.

The inventory was carried out at the request of a Food and Energy Task Force composed of food firms, trade associations, government agencies, and Penn State agricultural economists. A graduate assistant in agricultural economics at University Park, Mr. Gesell conducted the study for his master's thesis, with Dr. James G. Beierlein as faculty advisor.

The fruit and vegetable industry was a heavy user of coal, obtaining almost one-half of its total energy from this fuel, it was noted.

The grain mill products industry displayed the strongest dependence on natural gas. Grain mills of the Commonwealth derived 60 per cent of their energy needs from gas.

Mr. Beierlein indicated Pennsylvania food industries show a stronger reliance on coal than the U.S. average, a natural result of local supplies. It was also found that Pennsylvania firms rely more heavily on petroleum and less on natural gas.

# *Goat show set for June 2-3*

LEBANON - The Lebanon Valley Dairy Goat Association and 4-H Dairy Goat Club will be sponsoring a two day official ADGA dairy Goat Show on June 2 and 3, starting at 9:30 a.m. The show will be held at the Lebanon County Fairgrounds.

June 2nd will feature the 4-H show, followed by the open doe show the next day. Ms. Jennifer Bice of Sebastopol, Calif., will serve as show judge.

Entrants will be coming from Pennslvania, New Jersey, New York and Virginia. There are over 100 goats registered for the show.

A food stand will be available, and campers are permitted, but there are no hookup facilities available.


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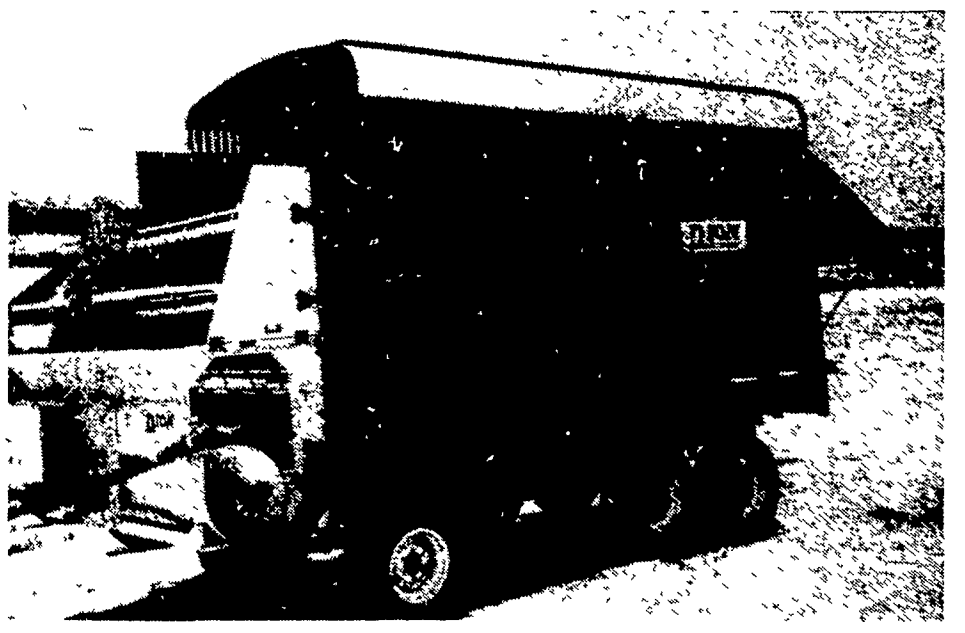

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# Congress moving along with gasohol

WASHINGTON, D.C. – By turning surplus grain into gasohol, the government can save substantial amounts of oil, stabilize and improve farm income, and end the complicated feed grain set-aside program, says Congressman Berkley Bedell.

Testifying before the House Agriculture Committee of which he is a member, the Iowa Congressman says he favors legislation to eliminate the current set-aside program for feed grains, provide loan guarantees for the construction of gasohol plants, and require that producers make 10 per cent of their crop available to the government at an established price for gasohol production. He introduced legislation to that effect in February.

Under Bedell's proposal the target price on feed grains would be raised to $2.75 per bushel, and in order to qualify for that payment, producers would have to agree to adhere to government resource conservation practices and to turn over 10 per cent of their crop for gasohol production. The target price would be adjusted annually with grain production costs.

The USDA would then make the grain available for gasohol production by private firms at one-half the established grain price, or $1.25 per bushel for the first year. Such grain would be available only for gasohol production and would provide a raw material for ethanol production at a price low enough to make gasohol commercially competitive with lead-free gasoline.

Bedell's National Fuel Alcohol and Farm Commodities Production Act would eliminate massive carryover stocks of grain which are detrimental to grain markets, and it would produce enough ethanol to replace 2 billion gallons of gasoline per year worth $600 million, and set the stage for government withdrawal from feed grain subsidies by establishing a commercial use for surplus grain.

"This program will not involve greatly increased government outlays, but will provide a basis for a total government withdrawal from subsidies as alcohol fuels become more competitive with technological improvements and the soaring price of oil," Bedell said.

"I do not claim it will be a panacea for our national energy problems, indeed its initial impact will be small. But it will demonstrate that alcohol fuels will work, not only with feed grains but with other crops such as timber, wheat, sugar, etc." he said. Bedell said that last year over 200 stations in Iowa sold about 2.7 million gallons of gasohol in three months. Gasohol is a blend of 90 per cent gasoline 10 per cent ethanol, and can be used by today's cars and trucks without adjustment.


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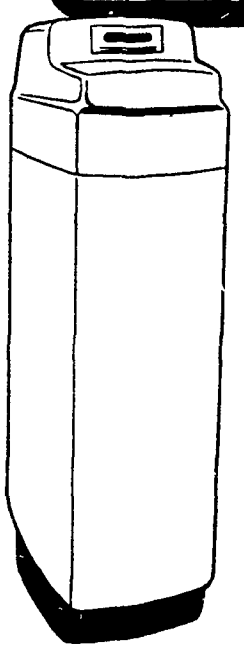

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## *Davidsburg 4-H to hold chicken barbeque*

BAIR – The May meeting of the Davidsburg 4-H Club was held on May 17, at the 4-H Center, near Bair. Vice-president Robert Livingston presided over the meeting.

York County Extension Agent Tim Markovits showed a film entitled, "Honey, Nature's Golden Treasure." This was followed by a demonstration on beekeeping by Hans Spahr.

Reports were given by Mary Mummert on the Club clean-up drive that was held on April 28. Emily Livingston did a report on 4-H County Council. Annette Shermeyer did a report on the 4-H County Demonstration Days held on May 9. Annette did a demonstration entitled "Pack Nutrition Into Your Lunch". David Detter did a demonstration entitled "Making a Decorative Lamp."

The club decided to give money to its growing leathercraft club to buy new tools.

The 4-H Chicken Barbeque was discussed. It will be held Saturday, June 16 at the 4-H Center. The 4-H County Council will be sponsoring a movie the same night as 4-H Strawberry Roundup. They will be held on June 8 at the 4-H Center.

At the closing of the program, it was announced that Hans Spahr had won the County bee essay contest.

The next meeting will be the Davidsburg 4-H Club's Mini-Olympics. The meeting will be held June 21 at 6:30 p.m. at the 4-H Center. The committee is Wayne Eyster, chairman, and Amy and Kathy Harlacker.


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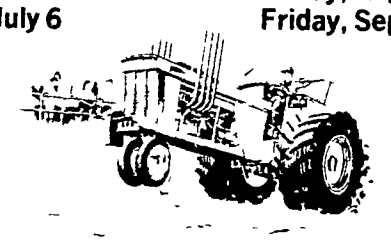

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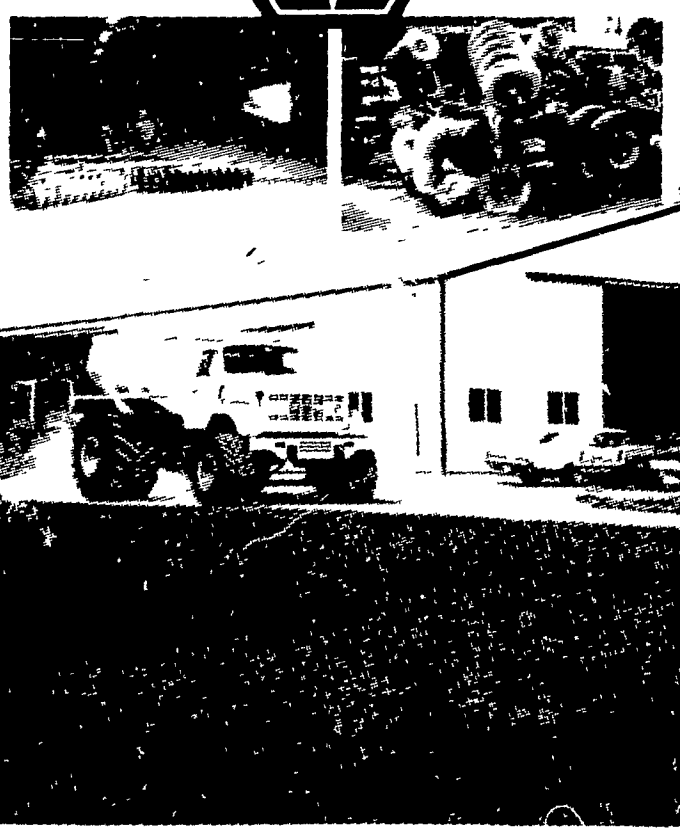

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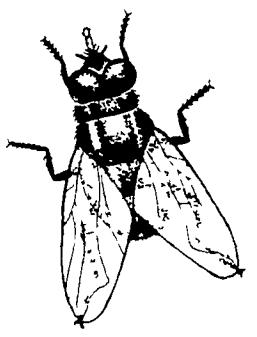

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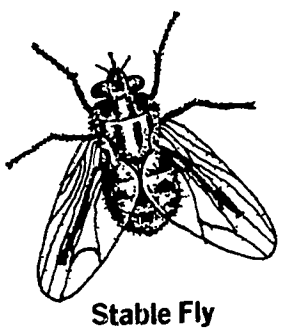

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# Hoover's

(Continued from Page 16)

negligence and bad management on the part of the livestock farmers.

Hoover, for one, says he would be glad to accept fault if it can be proven. On the other hand, he does not want to be accused of using Three Mile Island as an excuse for his own mistakes, if that's not the case. He would like to know the truth, he emphasized in an interview Thursday afternoon. Earlier that day he and his family and hired help had blood samples taken to determine if anything unusual might be found in their blood

Some farmers, county agents, and educators have taken positive steps to indicate that the area's farmland, livestock, and farm products are as good as ever. That was the conclusion of a meeting held at York College Thursday night, for example.

One of the many farmers who is confident that all is well is Irwin Engle, who lives about two miles south of Hoover. Engle invited the news media to his farm this week to show them that the livestock is perfectly normal and healthy. He says that's the case on most all farms.

Recalling a situation on his own farm of about two years ago when 16 heifers died, Engle said: "I had all kinds of ideas as to what killed them, but it was my own management that did it." He explained he had brought grain to 50 heifers on pasture, called them, and left. As it turned out, only about 20 heifers showed up to eat the grain. They overate and it killed them, Engle said matter-of-factly. "I should have stayed to make sure all 50 heifers showed up for the grain," he commented.

Engle has 120 cows and 70 heifers at his 150-acre dairy farm between Bainbridge and Maytown. Asked if he is concerned about Three Mile Island, he says: "Yes and No."

"Until I see some effects I'm going to continue to oparate as I have been," Engle said confidently.

Hoover hasn't changed his management either. And although he says he is not against nuclear energy, he says he is upset about the conditions under which the TMI reactors were operated. As a result, he is opposed to their opening again.

Irwin Engle has had 10 calves born since the Three Mile Island incident, and all are healthy. He expects 45 animals to freshen within the next 90 days and says all of his pregnant cows and heifers look as healthy as ever. Engle's farm is located about 6½ miles southeast of Three Mile Island's nuclear reactors.

**Early History**

Before the adoption of the Twelfth Amendment in 1804, the candidate who ran second in a presidential race automatically became vice-president That's the method in which Thomas Jefferson became John Adams' vice-president


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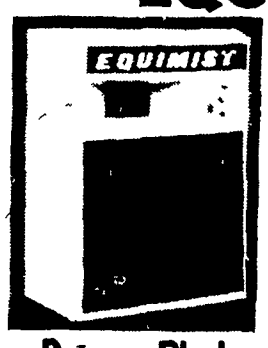

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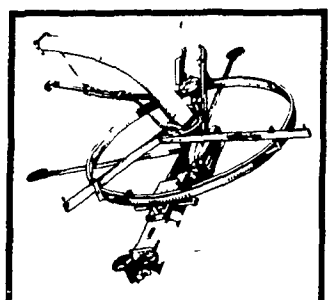
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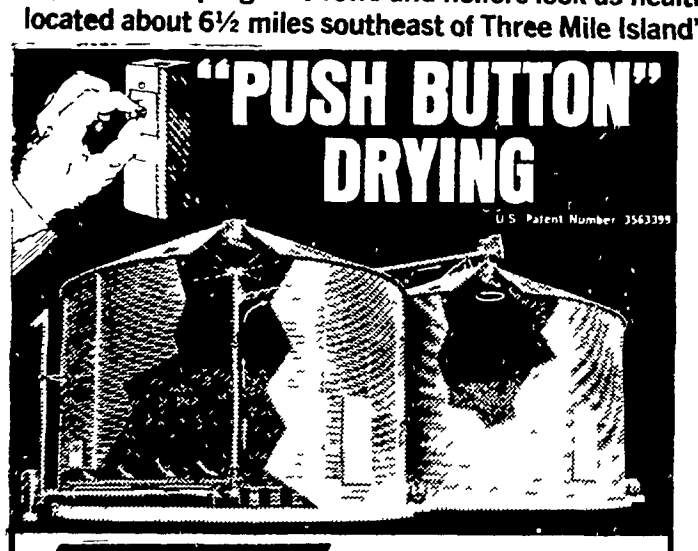
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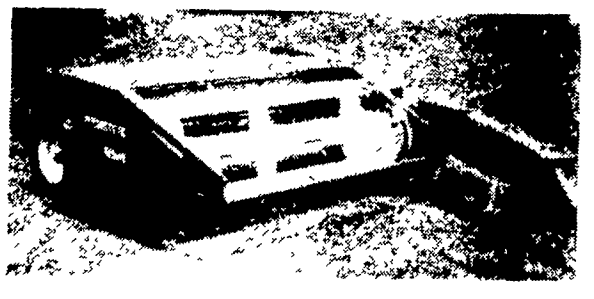
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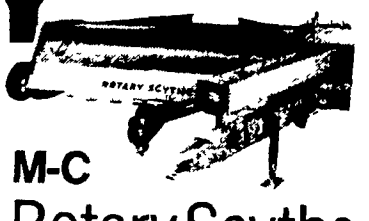
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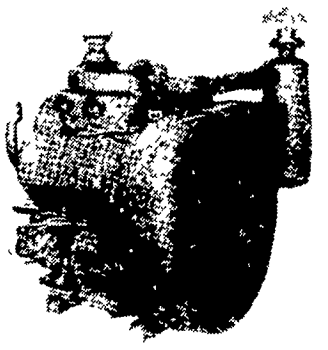
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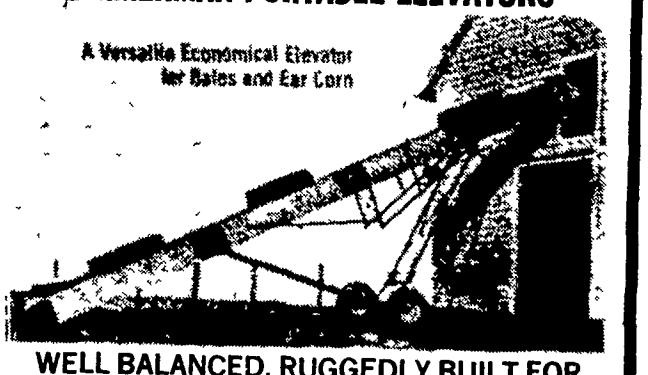

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# Host families needed for exchange students

SPRING HOUSE - Qualified host families are now being sought throughout Pennsylvania for high school exchange students arriving in August for 11 months of study in local secondary schools. The boys and girls, from Latin America, Europe Japan, the Philippines and Australia, have been chosen to participate in Youth for Understanding by their national committees, have had at least two years of English, and come with their own spending money and insurance. They will be orientated for 2½ days by YFU training teams before arriving in Pennsylvania.

Among the incoming students will be:

Peter Gade, 16, from Denmark. His parents are teachers and he has a 13 year old sister. He is active in sports, particularly soccer, badminton and fishing. He enjoyed making a bookcase and learning mechanical skills in an industrial arts club and has studied English for six years. Peter hopes to live in a small town or suburban area in the U.S.

Also included in the group will be:

Sabine Suesstrunk, 17, from Switzerland, who is the youngest of four children in her family. Her father is an engineer and her mother is a housewife. She is interested in science, hiking, chess, handball, reading and bicycling. She also participates in mountain climbing and skiing and would enjoy living in a small American town. Sabine is a very good student who has studied 3½ years of English.

These students are eager to live the life of a U.S. teenager and to become active family members. Past and current YFU host families are enthusiastic about the benefits to them and their communities. According to Mrs. Dolores Barth, a 1978 host mother from Pennsylvania: "In return for welcoming a 'son' into our home, we received much, much more than we spent in time or money. Even though most of the adjustments and learning experiences were his to make, he taught us many things. In addition to helping us know more about his country and customs, he was a marvelous example of how a young person can be uprooted, moved to a foreign country, be compelled to speak a different language, and still be a delightful member of the family."

Anyone interested in hosting a student should contact the YFU Regional Office at 215-646-5266 (collect) or write the office direct. The address is: Youth for Understanding, Regional Office, Box 526, Spring House Village Center, Spring House, Pa. 19477.

Local area representative is Bill Ortmann, 2726 Brookfield Road, Lancaster, Pa. 17601. Phone 717-569-0628.


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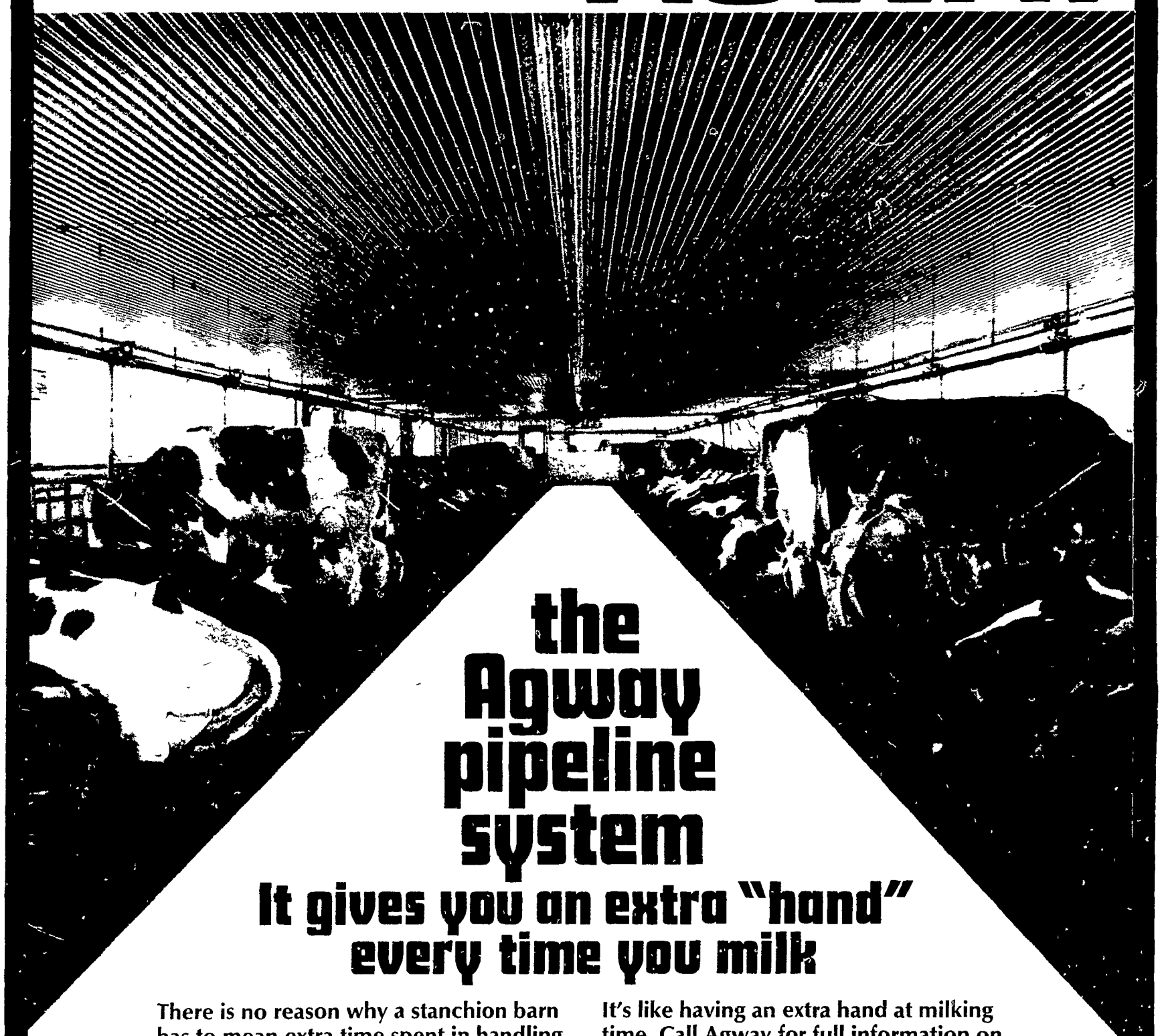

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# 'Little black box' warns of potato late blight

UNIVERSITY PARK – Agricultural scientists at the Pennsylvania State University have come to the aid of farmers by developing a "little black box" computer to forecast the spread of late blight disease of potatoes. The blitecaster computer collects and analyzes weather data needed to recommend spray schedules.

Used in fields during July and August, the small computer takes samples every 10 minutes of temperature, relative humidity, and rainfall. Blending the results with conditions known to create late blight epidemics, the blitecaster makes a "spray or no-spray" recommendation.

"Potato growers have come to recognize and fear the potential destruction of late blight on potatoes," declared Dr. David R. MacKenzie, scientist in plant pathology who directed the research.

Until recently, he said, weekly sprays of fungicides were applied in July and August to produce quality potatoes. Sometimes the sprays were applied needlessly. On the other hand, if a spray was skipped – and conditions were right – an epidemic of late blight could occur. Such epidemics cause severe damage to foliage, reduce potato yields, and create infection often causing potatoes to rot in storage.

MacKenzie predicted that demands for this and other uses of small computers in agriculture will increase tremendously in the next few years.

He described the blitecaster as a self-contained, battery operated "electronic marvel" that can be asked questions at any time simply by pressing a button. All daily weather facts are accumulated, digested, analyzed, and automatically interpreted – giving a spray recommendation shown on lights.

The original model of the blitecaster was developed under MacKenzie's direction by undergraduate students in electrical engineering and computer science. The students produced a miniature device that accepted more information than was considered possible. They attached a $50 cassette tape recorder to use as the "tapedrive" for storing program instructions.

"The technology even baffled experts in the companies that were supplying component parts," MacKenzie commented. "One engineer said the plan was impossible to develop. Ten days later the students had completed their task at a cost of $72 for parts."

For more information on the blitecaster, contact Dr. MacKenzie, plant pathologist, The Pennsylvania State University, College of Agriculture, University Park, Pa. 16802.

## WHAT'S NEW

**ROUND BALER**

A new, large round baler that was successfully field-tested during the 1977 and 1978 hay seasons is now available from Massey-Ferguson. Replacing the MF560 round baler, the new MF1560 baler incorporates design improvements to enhance performance and overall safety.

At the front, the baler is equipped with a tee hitch for tighter tractor turns, without tire interference, than with the conventional "A"-frame design. The hitch asembly is adjustable for varying tractor drawbar heights.

The MF1560's power take-off is fully shielded for operator protection and trash exclusion. The main gearbox is reversible to allow use of the baler with either 540 or 1000 rpm PTO tractors.

The pickup is a full "stripper-type," with turned-up lips on the stripper for leaf retention. Pickup rpm has been reduced by over 50 per cent for quieter operation and easier hay handling. The pickup "swept" width is increased from 55 in. to 59 1/ 2 in. to improve windrow infeed.

Automatic disengagement of the pickup is standard. This prevents overfilling the bale chamber. Press rolls have been eliminated with a new "open throat" design to improve handling of dry cornstalks and reduce fire hazard.

Twine wrapping is hydraulically controlled from the tractor seat. This standard equipment is especially convenient for operators inside cabs.

The MF1560 can produce full 6-ft.-diameter bales, an increase of 12 per cent in volume over the MF560. Variable hydraulic tension has been added to the usual spring-controlled density. The two systems work in conjunction. The hydraulic portion is gauge-monitored and controlled from the tractor seat. This allows "soft" or "dense" bales as desired.

For simplicity and convenience, the chamber is locked during baling with double tailgate locks. Also, each tailgate cylinder circuit is hydraulically lockable for safety and convenience.


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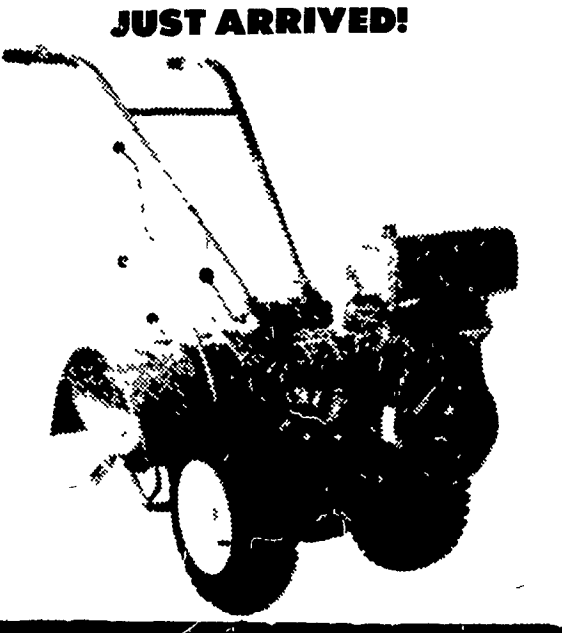

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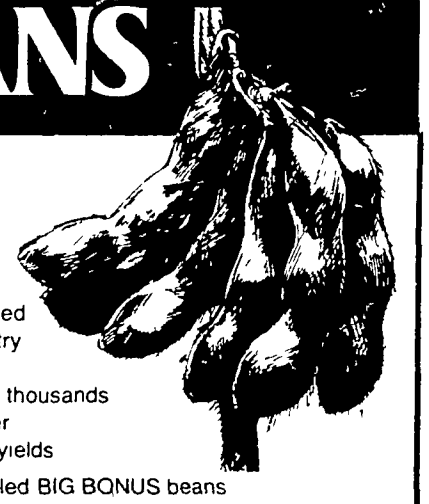

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# 'Agriculture is by nature a producer of energy'

COLUMBIA, Mo. – The role of agriculture in the "energy future" could well be more as a producer of industrial energy than as a consumer, a University of Missouri-Columbia agricultural economist said at a recent energy conference.

"One of the most fascinating questions is whether we are going to use soil and growing things to produce industrial energy. My hunch is we will," said Harold Breimyer at the Missouri Farm Electrification Conference in Columbia.

"Agriculture by its nature is a producer of energy. Agriculture by its nature is essentially the way by which we make the most of the conversion of solar energy to a form human beings can use," he said.

However, this conversion process has "never been very efficient." For instance, of all the solar energy falling on a corn field, only about one per cent becomes incorporated into the harvested corn.

"Why haven't we done better? Very simple. We haven't needed to do better. We've never really tried. Engineering of a maximum conversion has never been one of our goals," Breimyer said.

Agriculture as an energy supplier is currently being explored in two areas – gasohol (mixtures of gasoline and grain alcohol) and "biomass" (the production of plant material to serve as an energy source).

The world's energy alternatives would be much expanded, "if we were to select germ plasm for the kind of plants that don't produce food but produce the maximum roughage or dry matter (for instance, cottonwood and bamboo) and if, in addition, our scientists find a much more efficient way to convert it into industrial energy.

"If we ever do this successfully, the economics of agriculture and agricultural policy are going to become extremely complicated."

Breimyer said a "national decision" would have to be made as to how much agricultural production should be devoted to food or energy production.

Breimyer also focused on the shorter term situation of the relationship between agriculture and energy – notably agriculture's status in the four energy bills signed Nov. 9 by President Jimmy Carter.

"Some confidence can be taken from the provision in one of the new laws directing that priority be accorded agriculture's need in the event of a critical shortage of natural gas."

Farmers, like other Americans, can benefit from the laws' allowances for tax advantages in insulating buildings and in construction of solar facilities. Solar grain drying may be worth the boost.

These tax credits, however, "are not a big factor."

Breimyer noted agriculture is not an especially wasteful energy user in general.

"Of the energy in the food system, by far the great bulk is used past the farm.

"The biggest hogs of energy in the food system are those who cook the food or even more those who keep it frozen for cooking." Of total U.S. energy use, farm production accounts for about 2.9 per cent, while food preparation at and away from home takes about 7.1 per cent. Refrigeration is particularly heavy in energy use.

"My guess is that as we move to a higher cost energy we shall change our ways of handling food with much less use of the deep freeze and so on."

Of total farm energy use, fertilizer (using natural gas) takes 31 percent, while field operations account for 22 percent and irrigation and farm vehicles each account for 13 percent.

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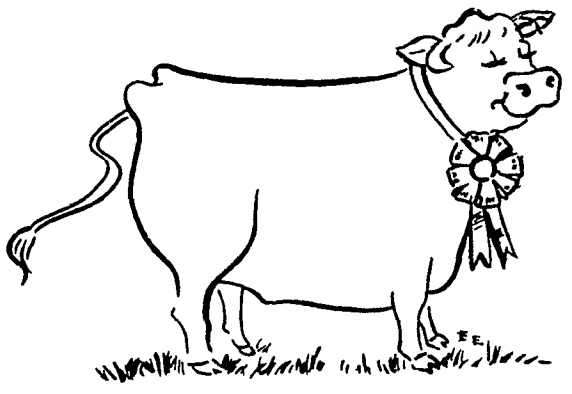

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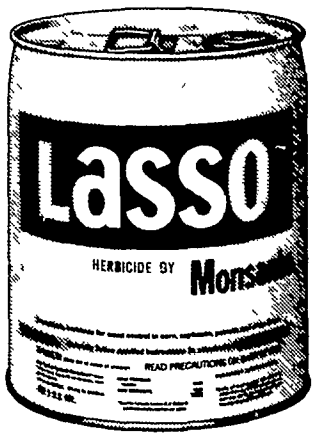


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# Storm water management studied at seminar

By KENDACE BORRY

ELIZABETHTOWN — The impact of storm water management on water quality and control was the focus of a workshop held last Friday at the Elizabethtown College. People gathered to hear many speakers talk on subjects that related to the various aspects of storm water management and the Pa. Storm Water Act 167, which had been approved by the state last year.

The Storm Water Management Act requires Pa. Counties to prepare and within two years after declaration of the guidelines, to adopt a watershed storm water management plan for each watershed that is in the county. These plans must include several items, including a survey of runoff characteristics, an analysis of the development in flood plains and its sensitivity to damages of drainage problems and proposed solutions, an assessment of alternative runoff control techniques and a 10 year plan for storm water collection and control facilities. The plan also must have standards for the control of runoff from existing and new development; with priorities for the implementation of actions within each plan.

Each county must also prepare and adopt joint plans with neighboring counties where watersheds contain land in more than one county, and also establish for the development of a watershed plan, an advisory committee which includes each municipality and the conservatin district.

Each Pa. municipality must adopt and implement zoning, subdivision, building code, erosion and sedimentation and other ordinances as are necessary to regulate development in the municipality in a manner consistent with the county-adopted watershed plan within six months after the approved plan.

The Department of Environmental Resources will publish guidelines for storm wzter management and model ordinances for use by counties and municipalities, and coordinate the management of storm water in the state.

The DER also will enforce this act, compelling counties to adopt and submit plans, and issuing notices of violtion to non-complying municipalities.

Any person who is in engaged in the alteration or development of land will implement measures consistent with the provisions of the watershed plan to control runoff and prevent injury to others. They will also be required to comply with the ordinances adopted by the municipalities to implement the plan.

This means that all state, county, and municipal agencies, and private persons, will be required to locate, design, and construct storm water management systems, water obstructions, flood control projects, subdivisions and major land developments, public utility facilitiees and facilities owned or financed in part by the Commonwealth, in a manner consistent with the watershed plan.

The above is part of a summary of the Storm Water Act 167 that was presented to those who attended the seminar last week.

The Act is expected to be implemented in about two years, according to Gilber Kyle, acting director, Bureau of Dam Safety, Obstructions, and Storm water Management, DER, Harrisburg.

Kyle was one of four speakers who took part in a morning program, Perspectives on Storm Water Management.

Kyle told that what he and his staff is working on is "guidelines; guidelines that are workable, enforcable, and flexible. We want models that won't be bogged down in details, and we want to get them to the General Assembly for approval"

"The purpose of the act is to encourage the planning and management of storm water," he explained. "We want to preserve the natural storm water management and also encourage local legislation that will cover the issue."

Joining Kyle on the speaker's stand were Robert McCullough, environmental coordinator-planner, Lycoming County Planning Commission, Williamsport; Ronald Ehlinger, B. C. Gohn Associates, Inc., Mount Joy; and John Taggert, Dickinson Realty, Chadds Ford.

Gilbert Kyle, acting director, Bureau of Dam Safety, Obstructions, and Storm Water Management, Pa. DER, speaks on the role of the state, at the Impacts on Storm Water Management held at Elizabethtown College last Friday.

Noting that "Conservation makes the difference", McCullough told the audience that he thought the best step to take was for people to visit their Soil Conservation District for information and help in storm water management.

"You've got to involve the local people," he explained. "The matter need not be complicated, education of the public is the answer."

Representing the engineers, Ehlinger related that when it comes to storm water management in a development, there are two possible ways to handle the issue.

The first method involves reducing the amount of runoff on the land to practically nothing; the second reduces the amount of impervious surface, thus lessening runoff.

He stated that both the municipality and the developer share responsibility for problems on the site, and that the engineer should be willing and ready to assist.

Taggert, telling the developer's viewpoint, said that he thought sub-divisions should be an extension of already existing communities.

"A good development starts with good engineering and a good contract;" he concluded.

Questions were heard and answered b;y the speakers after the conference.

In the afternoon session, topics concerning both the rural and the urban community were covered by several speakers.

The conference was sponsored by the Pa. Environmental Council, Inc., and the Pa. Environmental Research Foundation, Inc.

# State Farm-City week dates set

UNIVERSITY PARK — Pennsylvania will observe the 25th anniversary of Farm-City Week November 16-22, it was announced recently by officials of the State Farm-City Council.

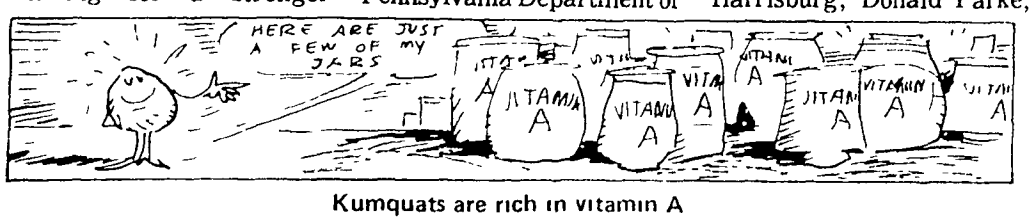
The observance is designed "to bring about a better understanding between the rural and urban segments of society, thus making for a stronger America." The 1979 theme is "Farm City-Pride in the Past and Faith in the Future."

Officers of the State Farm-City Council for 1979, elected May 18, are chairman, Frederick Bubb, of the U S Soil Conservation Service, Harrrisburg; vice chairman, John Michael Krauss, Bureau of Rural Affairs, Pennsylvania Department of Agriculture, Harrisburg, and secretary-treasurer, Theodore Brookhouser, of State Kiwanis, Camp Hill

Named to the executive committee are: Thomas Imswiler, Pennsylvania Department of Agriculture, Harrisburg; Richard Pennay, U S Agricultural Stabilization and Conservation Service, Harrisburg, Donald Parke, of Ephrata; and Kenneth Beachley, of Camp Hill.

The state council functions to coordinate the work of county Farm-City Week committees and to provide promotional materials to assist in county and area observances.

Dr Thomas B. King, associate dean for Extension at The Pennsylvania State University, points out that county Farm-City Week committees will be organized in the next several months They will plan programs and activities to be carried out during the November observance

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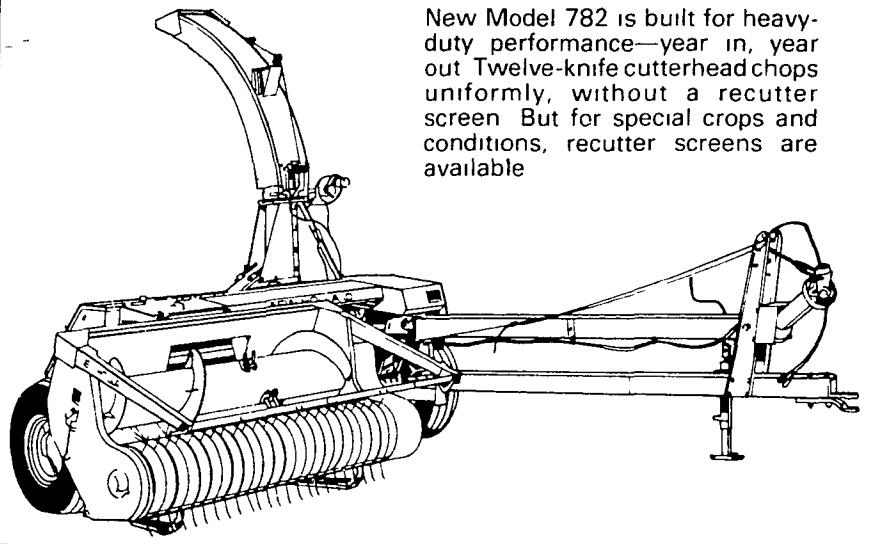

New Model 782 is built for heavy-duty performance—year in, year out Twelve-knife cutterhead chops uniformly, without a recutter screen But for special crops and conditions, recutter screens are available

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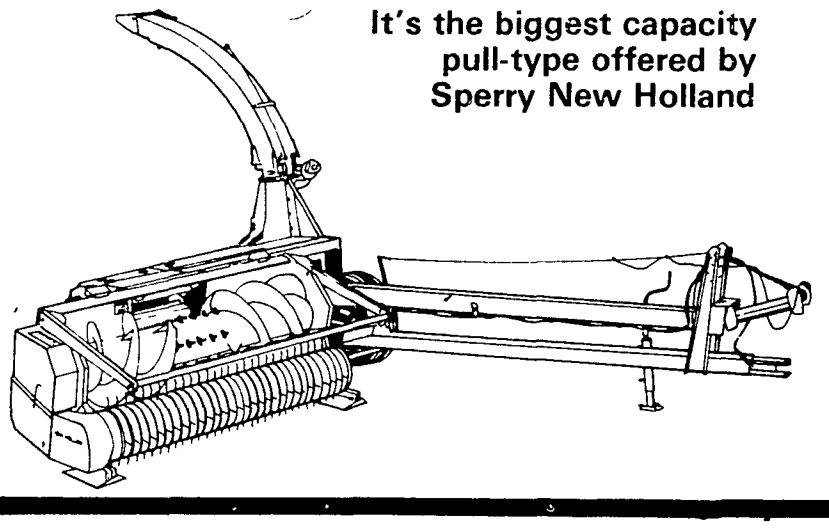

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SPERRY NEW HOLLAND

# New test for pesticide residues developed at Penn State

UNIVERSITY PARK – Using the typye of immunization chemistry that protects animals against diseases, a Pennsylvania State University scientist has developed a new test for chemical pesticide residues.

Devised by Dr. Adnan Yaseen Al-Rubae, who recently received his Ph.D. in entomology, the technique provides a quick, simple, inexpensive and accurate means of detecting pesticide residues in animals, plants and the environment.

Specifically, Al-Rubae created a sensitive test for parathion, a major pesticide used extensively on cotton and other crops. The test consists of getting parathion molecules to combine with another sort of molecule, in an antigen/antibody reaction which mimics the natural or medically induced immunity that protects humans against diseases such as polio and measles.

Maintaining that the parathion test itself is an important innovation, Dr. Ralph O. Mumma, professor of chemical pesticides at Penn State, credits Al-Rubae with a research breakthrough.

"The development of such a test for parathion is significant, both because parathion is widely used and because it represents a major class of pesticides," explains Mumma, chairman of Al-Rubae's thesis committee.

"It should now be possible to devise similar tests for other pesticides, as well as for disease-causing viruses and bacteria. If so, the method would be a boon to health authorities, environmentalists and others concerned with limiting pesticide contamination and disease."

Al-Rubae's technique is not as sensitive to pesticide residues as some other detection methods, including gas chromotography and radio-immunoassay, continues Mumma. However, it is sensitive enough to be very useful.

"It doesn't require either expensive equipment or extensive laboratory time," says Mumma, "and once the right chemical combination is found for each class of pesticides, it should be possible to mass produce the test compounds, further reducing the cost.

"In some cases," he adds, "the technique may be the only feasible one because, unlike other methods, it isn't limited by the properties of the substance being tested – such as whether the substance can readily be turned into a gas."

Al-Rubae conducted his research at Penn State until he returned, in late 1978, to his native Iraq, where he now teaches at the University of Baghdad. Throughout, his work was supervised by Charles D. Ercegovich, an associate professor of chemical pesticides who died shortly before Al-Rubae completed his Ph.D. Mumma was not involved in the research, but advised Al-Rubae as he finished the thesis.

Last Fall, Mumma presented the results of Dr. Al-Rubae's research to a meeting of the American Chemical Society in Miami Beach, Fla.

Essentially, Al-Rubae discovered another use for a relatively new biochemical technique called "enzyme-linked immunosorbant assay" or ELISA. The technique has been used successfully to isolate and study proteins and to diagnose some disease-causing viruses in animals and plants.

Al-Rubae was the first to successfully use ELISA to detect pesticide residues.

The object of the ELISA detection technique, Mumma explains, is to get a test animal, in this case a rabbit, to reproduce an antibody – a molecule that will combine with and thereby neutralize a specific "foreign" molecule, or an antigen. This is how animals and plants become immunized against disease.

"The problem," he continues, "is that the parathion molecule is too small to be 'noticed' by a rabbit's immune system, and the rabbit won't produce antibodies. The parathion molecule must be coupled to some other substance, yielding a molecule that will stimulate antibody production.'

The most difficult and time-consuming task, Mumma explains, is to discover which type of molecule combined with parathion will most effectively induce a rabbit's spleen to manufacture antibodies. Even when the optimum combination is found, he says, it's not easy to get rabbits to produce the antibodies. Out of a dozen rabbits the procedure may succeed in only one or two. But once a rabbit is induced to begin manufacturing antibodies, it will keep making them indefinitely, providing a good antibody source.

Perhaps Al-Rubae's major achievement, Mumma maintains, was the discovery that when a cow protein molecule, bovine serum albumin (BSA), is coupled to parathion and injected into rabbits, some of the animals will produce antibodies. Some of these antibodies will "recognize" and bind to the parathion/BSA molecule and some to the BSA.

To test for parathion, Mumma explains, the substance suspected of being contaminated with the pesticide is mixed with a larger amount of rabbit antibody. If parathion is present, it will combine in equal amount with the rabbit antibody, forming an insoluble compound.

The next step is to determine how much rabbit antibody is left – because this will pinpoint how much combined with the parathion, and therefore how much parathion was present.

To learn how much rabbit antibody remains, a second antibody is added to the mixture. This antibody has been chosen because, like parathion, it will combine with the rabbit antibody. This second antibody is coupled with an enzyme. The enzyme acts as a catalyst, causing the mixture to turn some shade of orange/brown, depending upon how much rabbit antibody is available to react with the second antibody.

"The procedure," says Mumma is quite difficult and time-consuming. Also, for each new substance you want to test for, the entire process must be gone through anew. However, once the right reactive compounds are discovered for any contaminant, and a few animals have been inducted to produce antibodies, the test could be widely and cheaply used."


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# World hunger seminar planned for ag teachers

AKRON – A seminar, World Hunger: Perspectives for Vocational Agriculture Teachers, will be held June 27 to 28 at the Mennonite Central Committee headquarters, here. The seminar will provide opportunity for high school vocational agriculture teachers to learn about hunger issues and Third World agricultural practices. Particular emphasis will be given to sharing ways these international concerns can be communicated to high school students.

The seminar is sponsored by the Food and Hunger Concerns Office of MCC in an effort to create a greater awareness of world food and development issues.

A major feature of the program will be case studies on how most of the world's farmers farm, by returned MCC agricultural workers. The case studies will feature farming in Bangladesh, Zaire, Botswana, Bolivia and China. Edgar Stoesz, associate executive secretary for Overseas Services, will address the group on "World Hunger: Inevitable or Preventable." Kenton Brubaker, professor of biology, will talk on "World Hunger: Options for North American Agriculture," and a Bread for the World staff member will speak on "Agricultural Trade: Analyzing Needs of Farmers in both the United States and the Third World."

A major part of the two-day seminar will be devoted to sharing ideas, techniques and resources for communicating world hunger and development issues in the classroom.

The seminar is planned for vocational agricultural teachers in the eastern area of the United States and is limited to 40 registrants on a first-come basis. A similar seminar will likely be planned in the Midwest at a later date.

Vocational agriculture teachers interested in attending should request a detailed program and registration from MCC, Box M, Akron, Pa., 17501.

Costs for the seminar are registration, $5.00; lodging, $5.00; meals, $2.00 each.

# Soybean plots implement new management

KALAMAZOO, Mich. – "Soybean growers are becoming increasingly interested in new management practices that can bring them top yields," reports Bill Dimond, soybean product manager for Asgrow Seed Company. "The continuation of our field size demonstration plot system in 1979 will enable more soybean growers to see the yield benefits of total soybean management."

Asgrow began their Soybean Management System with 15 plots in 1976 and over the past four years has expanded to 35 field size soybean plots scheduled for the coming year. "Farmers can better see the yield benefits of quality seed and reduced seeding rates in field size plots," Dimond says. "In 1979, comparisons of a variety at different levels of seed quality will be a major addition to our on-the-farm plot program."

The off-station research plots will be located in Minnesota, Iowa, Illinois, Indiana and Ohio. Field days will be held in conjunction with the 35 demonstration plots at the discretion of the local Asgrow sales representative and dealers.

In addition to the field size demonstration plots, Asgrow will set up 12 off-station research plots in the same soybean producing states. "Field days will be held at these research plots during the last week of August and the first week of September," Dimond points out. "These 12 demonstrations will be utilizing Asgrow's seven soybean management practices along with regular variety testing."

The Asgrow Soybean Management System puts into practice seven factors that can result in higher yields. These practices include: superior soybean varieties; high quality seed; population and row width; planting at proper depth and date; weed control; supplying soil nutrients and rhizobium bacteria; and reducing harvest losses.

Besides these practices, the 1979 Soybean Management System, in its fourth year of field testing, will feature the planting of Asgrow soybeans with proven high physical and physiological quality next to seeds of lower quality stated Dimond. This practice will allow farmers to compare for emergence, growth, standability and yield at harvest.

"The combination of field size demonstration plots and off-station research trials has enabled Asgrow to increase the visibility of our Soybean Management System to growers. But more important, this sophisticated soybean demonstration program has provided soybean producers with ideas for implementing new management practices that can increase their profits," emphasizes Dimond.


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# Co-op officials comment on milk security fund

**EDITOR'S NOTE: The following article originated in the May 18 issue of the GRANGE ADVOCATE for Rural Pennsylvania, a weekly newsletter of the Pennsylvania State Grange. It is reprinted here with permission.**

The idea of a Milk Producers Security Fund for Pennsylvania is a heavily debated issue.

The purpose of the fund is to guarantee the producer money should a dealer default on payment.

One view everyone seems to agree with is that the present milk bonding law is inadequate.

All too often, when a bankruptcy occurs, the dairyman is paid so many cents per dollar.

According to the Milk Marketing Board, there are approximately 20 dairy co-operatives serving Pennsylvania.

Generally speaking, of all the co-ops surveyed, the majority support the idea of forming a Milk Security Fund.

Arden Tewksbury, of Eastern Milk Producers, supports the Security Fund concept, but dislikes the idea of producers paying into the Fund.

Tewksbury does not believe the producer should "have the responsiblity of guaranteeing himself the money due him from the handler."

"The concept is contradictory," says Tewksbury.

He also believes bonding for $500,000 is "discriminatory" against the smaller handler.

Under the proposed program, Tewksbury believes some handlers would be bonding for "half their business" while others would be paying "more than their fair share."

After hearing Secretary Hallowell's proposal for a Security Fund, Tewksbury said "it deems a meeting" between them.

Andy Langmeyer, of Milk Marketing, Inc., believes the Security Fund "is a more favorable idea than bonding."

He points out the security used for bonds, "in some cases, is not adequate."

Bruce Snow, of DairyLea, supports the formation of a "workable" Fund, but believes the problem can be solved by "updating the bonding."

Lester Jones of Interstate, says a Milk Security Fund idea has "a lot of merit."

"Interstate," says Jones, "does not believe producers should pay."

Jones went on to say "some changes must be made," because "with inflation, the present bond is inadequate."

John York, of LeHi Valley, said his cooperative was still studying the proposals.

However, he did raise some interesting points.

He pointed out that in New York, the problem stemmed from the right of the Ag Commissioner to waive the milk bonds.

It got to the point where there was approximately "$30 million of unbonded milk per day" in New York.

"In Pennsylvania," York says, "we must ask ourselves 'What is the problem?' and 'Is there a need to apply (a Fund) to co-ops?'"

It seems there is general agreement that the present bonding law is inadequate.

Most favor the concept of a Security Fund, But, they prefer one similar to New York's – one financed by the handlers, not the producers.

# Berwick Vegetable Co-op meets

BERWICK – Berwick Vegetable Cooperative hosted members, guests, and friends at the 26th annual dinner meeting, on May 19 at the Columbia-Montour Vo-Tech School, Bloomsburg. This annual event was addressed by Dr. D. Eddy, provost of Penn State.

Edward Hopkins, Falls, chairman of the Board of Directors, presided over the annual membership meeting, assisted by Clemon Smith, Nescopeck, secretary of the Board.

The Annual Audit and Report of Operations was presented by Burton L. Hetherington, Ringtown, Manager of the Cooperative. Manager Hetherington reported a profit for the fiscal period under review. He stated that the profit would be distributed in cash in full to the Cooperative's Patrons within the time frame prescribed by Pennsylvania Cooperative Law. Manager Hetherington noted the sound financial position of the Cooperative and its ability to serve an expanding number of patrons in 22 counties of Northeastern Pennsylvania and three counties of western Pennsylvania.

Dale Whitenight, Danville, member of the Board and Chairman of the Nominating Committee presented the report of the Nominating Committee.

Board Members elected for three year terms were: District 1, Edward Hopkins, Falls; District 2, Earl Miller, Sugarloaf; District 3, Drue Chapin, Nescopeck; District 4, Fiero Lupini, Nescopeck; and District 5, Myrtle Neidlinger, Zion Grove.

Chairman Hopkins complimented Earl Miller, chairman of the Program Committee, fellow Board Members, Patrons, and Staff of BVC on a very successful year of operation. He expressed his gratitude to all for the cooperation extended to him in the discharge of his duties during the past year.

Toastmaster Hetheringt-on, a member of the Penn State U's 32-person Board of Trustees, introduced Provost Eddy who spoke and fielded many questions concerning the educational and research role of Penn State in the 1980's.

Toastmaster Hetherington presented Provost Eddy the traditional vegetable basket in appreciation of his address and many other courtesies extended to the Cooperative and its patrons.


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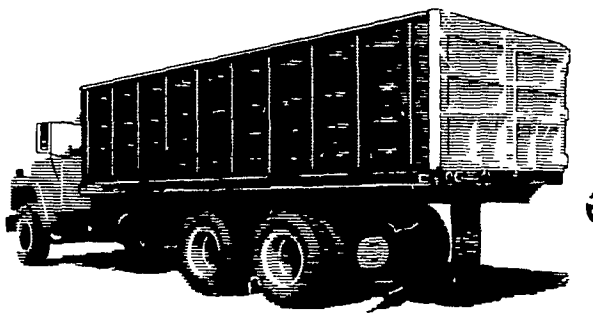

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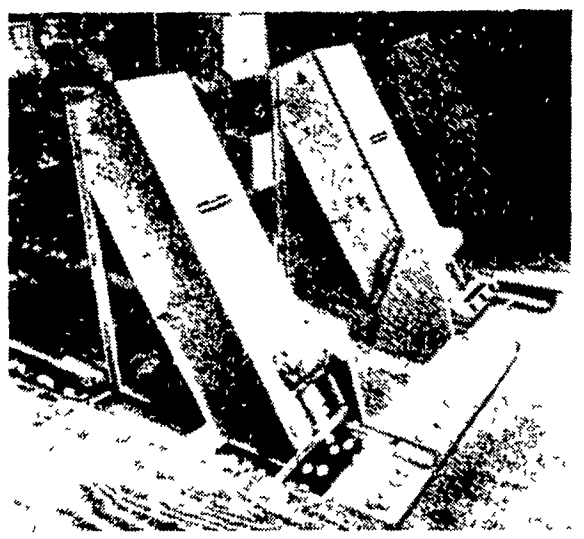

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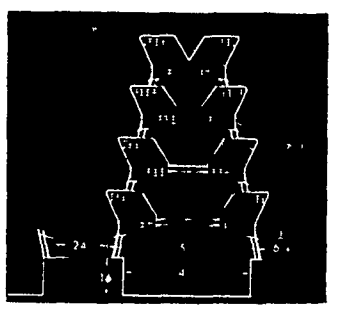

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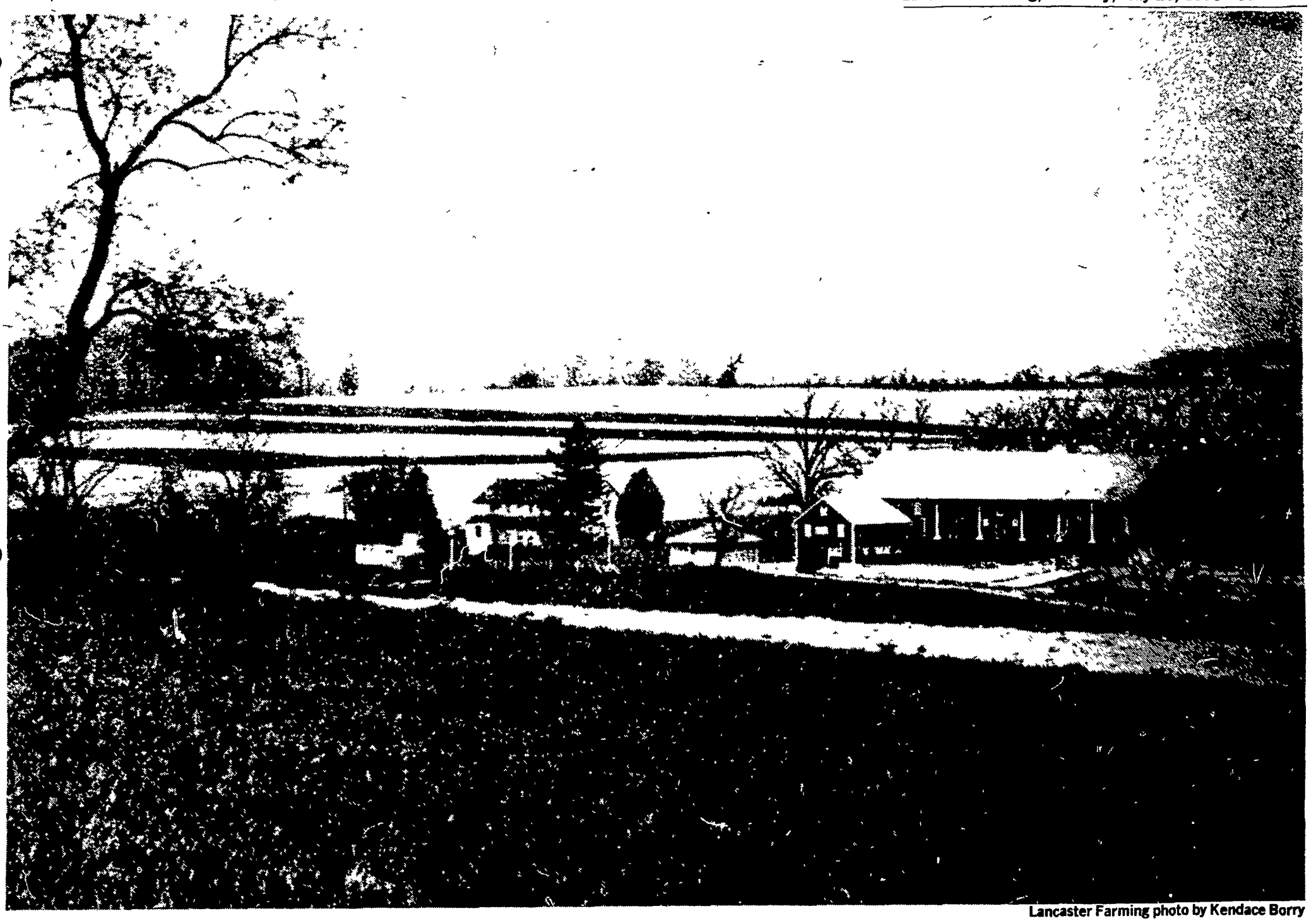

Lancaster Farming photo by Kendace Borry

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NAME _____

ADDRESS _____

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# Gasohol

(Continued from Page 10)

Gasohol seems to have a lot of potential, and it could certainly enter the marketing channels without removing a crumb of food from dining tables.

The feasibility of gasohol is enhanced because one of the best animal feeds known to farmers - brewers' grains - is the byproduct of the process when alcohol is removed from crops such as corn, wheat, barley, etc.

The argument for crops for fuel is further strengthened by pointing out that the U.S. farm acreage in the set-aside and diversion program could be enrolled, at least in part, to energy production. This would not only be a source of fuel for the economy, but a genuine income for farmers.

Finally, it should be pointed out that gasohol does not necessarily have to be made with alcohol that is derived from crops. The technology for producing alcohol from garbage and other municipal wastes is already in existence. True, it's not very economical and efficient yet, but that day will come. It's challenging to think of ourselves as running our cars and electric lights on garbage someday. That would certainly be a benefit in more ways than one.

With such alternatives and potential, every effort should be made to further the research into fuels which are renewable.

According to latest developments in the gasohol industry, this new fuel (a mixture of 10 per cent alcohol and 90 per cent gasoline) may be available in Pennsylvania and adjoining states in the very near future. And, we're told, it will be competitively priced.

# Berks Co. Wool Pool at new location

LEESPORT – The Berks County Sheep and Wool Growers Association has scheduled their annual wool pool for June 6th. This year the pool will be held at a new location from past years.

The pool will be held at Tulpehocken Farms, located just north of the Berks Campus of Penn State University at the junction of Tulpehocken and Broadcasting Roads, Rd 5 Sinking Spring. Wool will be accepted from 7:30 am to 3 p.m. and has been bought under contract to A.H. Helmig, Aberth, Pa. Following are the prices to be paid per pound by the firm; three-eighths and one-quarter staple-$.9215; three-eighths and one-quarter clothing-$.8715; medium rejects-$.8915; low one-quarter-.9215; fine staple-$.8215; one-half staple-$.8215; fine and one-half clothing-$.8015; fine and one-half rejects-$.8015; Karakul and tags-$.35.

Also noted will be a slight deduction for the labor and expenses incured by the Berks County Sheep and Wool Growers Association for running the pool.

Any questions should be referred to Howard Kline, president of the Berks County Sheep and Wool Growers Association at (215-926-4481) or the Berks County Extension Service at (215-378-1327).

**Most and Least**

E is the most frequently used letter in the English alphabet while Q is the least.

# Pa. Jr. Southdown Breeders officers elected

BEDFORD – The Pennsylvania Junior Southdown sheep breeders recently held a meeting at Bedford, to organize the Penna. Junior Southdown Breeders Association. President, Glenn Ferguson, Blairville R2; Vice President, Jeff Calvert, Berlin R4; Secretary, Bonnie Hoover, Greenside R1; Treasurer, Peggy McCrumb, Mars; Reporter, Nanette Musser, Lancaster; Historian, Barbara Rohrer, Quarryville R1; Advisor, Gary Kwisnek, Clarksburg R1; Directors, Lisa Dobrosky, Glen Rock R2, Karen McCammon, Schellsburg; and Gerald Rohrer, Quarryville R1.

Anyone interested in joining the Pennsylvania Junior Southdown Breeders Association, or desiring information on Southdown sheep, please contact Gary Kwisnek, R1, Box 118, Clarksburg, Penna. 15725.


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**THURSDAY, JUNE 7**

AT 4:00 P.M.

Loc. along Marticville Road, along Rt. 324 about 6 miles south of Lancaster or 2½ miles south of New Danville, across from Smith's Body Shop.

1937 Chevy 2 dr. sedan. Furniture in: oak, walnut, mahg., etc. Hotpoint auto. washer, elec. Singer sew. mach. Potbellied & parlor stoves, 2 Lionel trains comp., dec., salt & other crocks, lg. & sm. jugs, Lanc. & other bottles, Wooden, iron, & tin articles. Glassware & china in: pressed, milk glass, blue opalescent, depression, & lots of other glassware & china. Household articles. 2 Wheel pony cart, rotary mower, model A pickup bed, car parts. Power, hand & garden tools. Other misc. articles not listed.

NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by

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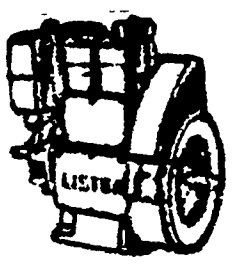

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**TOP SHAPE FARM MACHINERY AUCTION**

**TRACTORS - HAYBINE - MACHINERY - NEW PATZ CLEANER**

**SATURDAY, JUNE 2**

AT 11 A.M.

For William F. and Howard Wolfe located on Wolfe Rd. off Rt. 46, ½ mile West of Budd Lake, N.J. 5 miles East of Hackettstown, N.J. Arrows Posted on Rt. 46.

**11 A.M.** Small items, some antiques, milk cans, ice picks, forks, corn sheller, old drill, fence posts, assorted lumber, ladder plus many other items

**12:30 - BARN EQUIPMENT** - Patz 45 cow barn cleaner w/elevator (runs clockwise) 6 mos. old!, litter cleaner and track, 2 DeLaval new type milkers, DeLaval 3 unit pump, Vac line, double SS wash vat, 50 and 10 gal. H.W. Heaters A-1, feed carts, 2 ton feed corn & oats, water pump and tank.

**1 P.M. TRACTORS** - Ford 5000 gas 3 PTH W.F. 2300 hr. like new, Ford 4000 gas 3 PTH W.F. 1300 hr. like new, Ford 727 hyd. front end loader w/snow bucket, Ford 3 PTH 4 btm 14" trip plows, N. H. 477 haybine like new, N.H. 202 110 bu. manure spreader ground drive, J.D. 14T hay baler w/Wisconsin motor, J.D. 5 ft. flail chopper, Woods 5 ft. rotary 3 PTH mower, J.D. 8 ft. lime spreader, Little Giant 6" PTO 30 ft. grain auger, N.H. 30 ft. hay or grain elevator w/motor, IHC 8 ft. disc, IHC 401 3 sect. harrow, A.C. forage blower w/table, 20 ft. alum. grain or feed elevator, wagon sides, tractor chains, some hay.

**Attention** - The above equipment is in top condition, being kept under cover at all times, and being owner operator used! Be sure to attend this Sale!

Owner & Auctioneer not responsible for accidents!

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Owner

**WILLIAM F. AND HOWARD WOLFE**

Sale By:
Col. Fred R. Daniel Auctioneers Inc.
Neshanic Sta., N.J. 201-369-4784

# Buffers said to work best when fed properly

PISCATAWAY, N.J. — Modern dairymen are turning to high energy rations to push cattle to their genetic potential.

But along with this switch to higher energy feed has come an increase in rumen acids present in the dairy cow's digestive systems, especially among those fed ensiled forages and high concentrate levels.

Dairy cows with too much acidity sometimes experience depressed butterfat tests, reduced feed intake, lower milk production and more infertility, says Dr. Richard Adams, a dairy nutritionist at Penn State.

Buffers have been fed in widely varying amounts both in research trials and on the farm. However, they appear to work best when fed at certain levels.

One such buffer which has been effective in balancing rumen pH is sodium bicarbonate, a compound which occurs naturally in cows' saliva. Not enough saliva is secreted to neutralize the excessive acids produced during rumen fermentation when low-fiber, high-energy rations are fed. In these cases, supplemental feeding of sodium bicarbonate should be tried, Dr. Adams says.

Dairymen deciding to feed sodium bicarbonate should supply it at a level equal to 0.60 per cent of dry matter intake when conditions warrant its use. "That's roughly equal to 1 to 1.5 per cent in a concentrate mixture or finished feed," Dr. Adams explains.

Milk production, butterfat test percentage, dry matter intake and 4 per cent fat-corrected milk may improve separately or in combination when buffers are added to problem rations in proper amounts.

Some rations are more acid-producing than others. Dr. Adams lists several rations in which buffer feeding may be helpful.

Excessive acids sometimes occur in cattle fed a total ration containing concentrates and corn silage at a level over 40 per cent of total dry matter intake.

Cows fed less than two pounds of forage dry matter per 100 pounds of body weight may be more susceptible to excessive acidity. Buffers may also be of value when forage substitutes — high-fiber feeds like wet brewers grain — provide approximately 20 to 25 per cent of the usual roughage dry matter.

High producing cows consuming concentrates at a level exceeding two per cent of their body weight and those suffering from hot, humid weather may also become hyperacidic, especially when little or no alfalfa or other legume forage is fed.

Dairymen should consider feeding sodium bicarbonate in combination with other buffers such as magnesium oxide and calcium carbonate, he adds. Recent university and industry research has revealed increases in fat-corrected milk when sodium bicarbonate is fed with magnesium oxide.

Calcium carbonate may neutralize acids in the lower digestive tract in contrast to sodium bicarbonate's neutralizing effect in the rumen. Fed in combination, the buffers may correct acid imbalances throughout the digestive system.

Calcium carbonate should be supplied at a level needed to provide calcium at 1.8 to 2.0 times the amount of phosphorus in the ration's combined forage and concentrate dry matter. Normally, 1 to 1.5 per cent calcium carbonate in a concentrate when fed with low-calcium roughage is sufficient.

To get maximum benefits from magnesium oxide, one should feed enough of it to provide magnesium at a level equal to 0.2 to 0.24 per cent of the ration's dry matter. This often requires supplying magnesium oxide at a level equal to 0.3 or 0.5 per cent of a concentrate or finished feed, Dr. Adams advises.

Responses to buffers may be greatest when cows are in their first four to eight weeks of lactation. Dairymen may want to limit feeding to early lactation cows.

## Dairy 4-H meets

STOUCHSBURG — The Stouchsburg 4-H Dairy Club met at the home of Dennis Sattazahn on may 18, with 13 members present.

A few members described parts of a cow and then club members judged two classes of cows.

THe 4-H club attended the St. Johns Church as a group for Rural Life Sunday.

The next meeting will be held at the home of George Troutman, Jr., on June 22.


**COMPLETE DISPERSAL**

**SATURDAY, JUNE 2**

11:00 A.M.

LESTER & PATRICIA HOLMES

Fulton, NY

We have been commissioned to sell at Public Auction to the highest bidder at the farm located on Honey Hill Rd., 1 mile north of Fulton, NY, Oswego Co., off Rt. 48. Watch for auction arrows.

**9 HORSES**

1 registered 5 yr. old Perchon stud, well broke, sired by College King, 1 registered yearling Perchon mare, 1 yr. old Perchon Stud colt, 3 yr. old Belgian gelding, 13 yr. old Belgian mare in foal. 1 yr. old Belgian colt, nice disposition, 2 other yearling fillies and matched pair of pulling ponies, well broke and gentle.

**FARM EQUIPMENT & TRUCKS**

Stillham 4 horse trailer, excellent condition, MF 35 diesel tractor, rotary brush cutter, 3 pt. back blade, 2 bottom trailer plow, 3 section harrows, NH 67 baler, flat rack wagon on 6 ton gear, post hole digger, lime sower, Fisher snowplow with special hookup for Ford 250, 7 ft. V blade, Fisher snow plow, Dodge pickup truck, Diamond Reo 10 wheeler dump truck, 2 sets Fruehauf axles with brakes, springs and wheels, quantity of 10:00x 20" tractor tires and tubes, 1960 Buick electra, steel hauler's tarps, 16x35 vinyl tarp, MF 7 hp. garden tractor with mowers, 2 old school busses for storage use, Mobile home frame with tandam wheels and tires, etc.

**HORSE DRAWN EQUIPMENT & TACK**

Sulkey plow, sulkey cultivator, NI manure spreader, heavy duty bob sled, land roller, 2 row corn planter, JD mower, disc dump rake, 2 sets heavy work harnesses, collers, 2 & 3 horse hitch wiffel trees and eveners, Nichol plated parade western saddle with breast collar, army saddles, single harness with breast collar, neck yokes, buggy wheels and much more.

**SHOP TOOLS**

4 ton porta power bench grinders, air compressor, air grease guns, paint sprayer with regulator, MC chain saw, jig saws, body grinders and sanders, chain saws, Homelite portable pump, work benches, 6 ton bumper jack, reapers, welding benches, 2 wheel hand trucks, hydraulic jacks, air impact wrenches, anvil, timing lights, dwell meters, alignment gauges, head light aimers, GE mobile radio, file and storage cabinet, air drill, intercome system, 6 ton jack stand, shop stove, water pumps, plumbing tools and accessories, paint, large assortment nuts, bolts and much more.

**HOUSEHOLD**

T.V., large wood cook stove with bread warmer, recliner chairs, convertible davenport, arm chairs, early American couch, Hoosier cabinet, rocking chair, lawn chair, Franklin wood stove, picnic table, portable air conditioner, lamps, tables, crocks, etc.

Reason for sale — Holmes are moving out of state.

Owners

**LES & PAT HOLMES**

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**SATURDAY, JUNE 9,**

TIME: 9:00 A.M.

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**ANTIQUES**

Steinway rosewood grand piano, walnut high back bed w/carving and marble top bureau, walnut high back rope bed, walnut Empire bureau w/marble top & mirror, 3 pc. oak bedroom suit w/3 matching chairs, 2 Victorian side chairs, Victorian needlepoint chair, 7 pc. mohogany dining room suite, large Chestnut corner - 175 yr. old cupboard, lg. roll top desk & chair, slant top desk, Mission furniture inc. table, love seat, rocker, chair, oak wardrobe, oak chest of drawers, oak stand, old bed, oak captain's chair, leather seat rocker, camel back trunk, blanket chest, wind-up victrola, wicker arm chair, plank bottom chairs, straight back chairs, 2 lid wood box, benches, ext. table, high fern stand, other stands, occasional tables, pictures, antique mirror, large & small safe.

Antique pitcher & bowl set, 2 piano stools, 3 lg. jugs, 15 crocks, M.S. Hershey plate, lg. bread basket, other baskets, wicker hamper, antique play pen, rockers, valet chair, 12 cu. ft. gold refrigerator, Zenith color TV, recliner rocker w/ottoman, studio couch, uph. chairs, 110 volt air conditioner, cash register, stained glass windows, old side sadle, other sadle, lots of harness, pudding pans, cookie cutters, 12 milk cans, iron kettles, calf scales, cross cut saws, meat saws, buck saws, lantern, sickles, lawn furniture, calf muzzles.

277 New Holland baler, 2 Row Corn Planter, like new, 9 ft. Ford Disk, Inter Bush Hawk Mower: 3 pt. hook up, 3 pt. hitch New Idea rotary mower, Int. 56 silo blower w/3 10' sections & telescope section, New Idea manure spreader, Farmall 540 tractor, Farmall "H" tractor, Ford 3 pt. hitch 3 bottom plow, 2 pt. hitch scraper, Ford 3 pt. hitch cultivator, Int. corn planter 3 pt. hitch, drag elevator, New Holland 275 baler with thrower, New Idea 12' disc, Hesston 7' hay bine, Belt Harvest Handler 10' grain elevator, 2 McCurdy grain bins on running gear, New Holland 256 hay rake, hay wagon w/racks, Int. 7' trailer mower, single round back horse sleigh, 500 gal. Esco milk cooler, 2 DeLaval milker unit, 2 40 lb. stainless milk buckets, stainless strainer, stainless double tubs, rubber tire wheel barrow, 2 door metal cabinet, grain cradle, 200 bu. speltz, some loose hay & straw, lumber, gas burner, barn hinges, 3 prong fork, wooden porch posts, 1974 RAMBLER MATADOR, many other items too numerous to mention.

Conditions of sale will be made know at time of sale by

**MRS. KATHRYN SANTARELLI**
**MR. JOHN E. STOVER**
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**MR. EDWARD E. STOVER JR.**
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**SATURDAY, JUNE 2**

1:00 P.M.

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**86 HEAD TOTAL**

**SATURDAY, JUNE 2**

12:30 P.M.

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# Clowning around ain't no bull for Quail Dobbs

DENVER, Colo. – You can bet no bull rider will ever tell Quail Dobbs to quit clowning around, for if Dobbs did it might mean that cowboy's life.

Sporting baggy pants and painted smile, Dobbs risks his life to save the lives of hundreds of Professional Rodeo Cowboys Association (PRCA) bull riders each year and, at the same time, entertains thousands of spectators who turn out to watch cowboys compete for top prize money and Winston Rodeo Awards on the PRCA circuit.

"Sure, we're out there to entertain people, but when you get to the bottom line our job is to keep the bulls from hurting somebody bad," says Dobbs, who was recently selected "PRCA Rodeo Clown of the Year" during the PRCA convention here.

In the rodeo arena, Dobbs is a cross betwen a comic and a matador. He works mainly during bull riding, one of rodeo's most exciting -- and dangerous – events. In it, cowboys try to stay on the back of a bucking Brahma bull for eight seconds.

(Turn to Page 43)

It may look like Quail Dobbs (in barrel) and Skipper Voss are having a fun time, but fighting bulls in the rodeo arena is serious business. When they're not putting on an act like this, the rodeo clowns are keeping mean Brahma bulls from attacking the cowboys who ride them for top prize money and Winston Rodeo Awards on the PRCA circuit.


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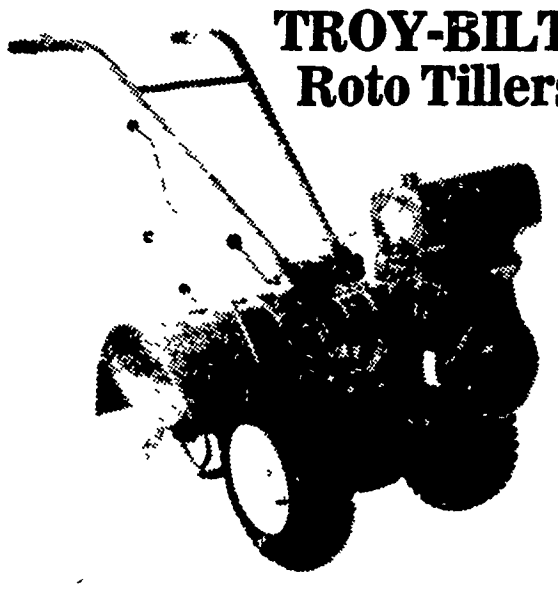

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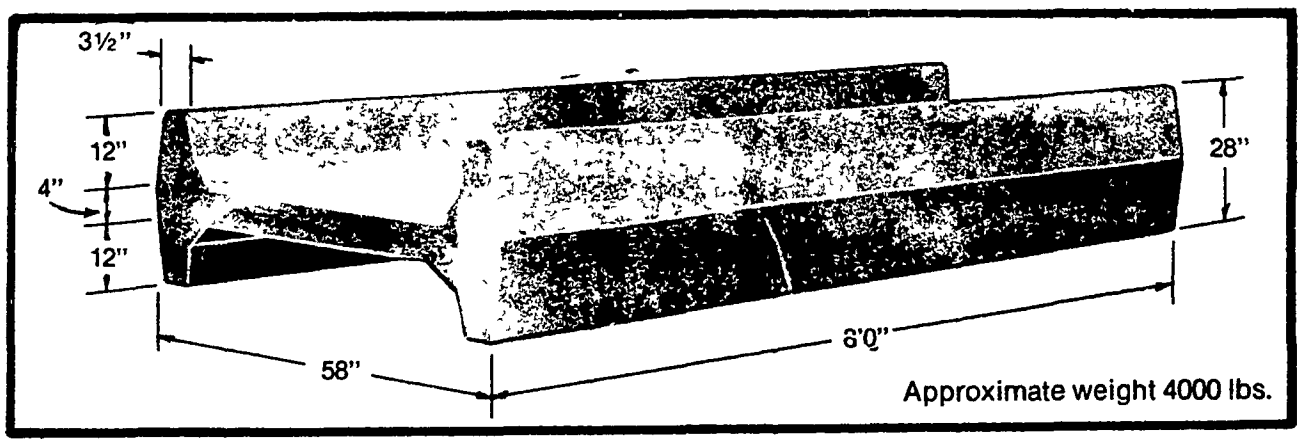


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We have the necessary equipment to handle and install these heavy bunks. Customer shall make roadway to feed lot passable for our delivery truck.

# Clowning around

(Continued from Page 42)

Some make it, some don't. But eventually every cowboy winds up on the dirt arena floor with nothing between him and an angry bull but the clowns.

"Every bull is different. You might say they have personalities," says Dobbs, one of the few rodeo clowns who works both the barrel and fights bulls. "We get to know the bulls as we work the rodeos, but just when we think we know one, he changes. And that's when somebody is likely to get hurt.

"There are some bulls clowns hate to see show up. We just with they were dead somewhere," Dobbs adds. "The bulls we really dread are the ones that keep trying to get cowboys down. They can be quick as cats. They ignore the clowns and just keep after the riders."

In bull riding, cowboys use a rope rigging wrapped just behind the bull's shoulders to hang on, but the rope can become a trap. The rider's hand can become caught in the rope when he is bucked off, leaving him at the mercy of the bull.

"Getting hung up and stepped on are the most dangerous things for the cowboys, and it is up to the clowns to try to free a man and get him away from the bull," says Dobbs, who worked the 1972 and 1978 National Finals Rodeos.

"I've got to get the man loose without getting both of us in a wreck. You've got to use your head – you don't just boil into the bull without knowin' what you're going to do."

Knowing doesn't make the job much safer. If they are lucky, clowns are able to reach in and pull the cowboy's hand free. But with a bad bull, one that keeps hooking with his horns or spinning in an effort to get the cowboy pinned, the clowns will risk their own lives to get to a rider's hand.

"We work the bulls all the time, so we may make it look easy to the people in the stands," Dobbs said. "But if we make that one bad mistake, it's over."

The little clown from Coahoma, Tex., speaks from experience. In 16 years of clowining, his major injuries include a broken leg, a burst tear duct and a broken nose, all caused by run-ins with bulls.

"After my leg got busted, the docs didn't think I could rodeo any more but here I am," he said.

For Dobbs, clowning is more than just a job. The cowboys are his friends, and he takes a personal interest in their safety.

"I don't like to see my friends get hurt. If a man gets busted up, he could be laid up for months," he says. "Rodeo is the only way most of these boys have to make a living, and when they're hurt there's no money coming in to feed their families."

Dobbs started rodeoing in high school, then turned professional as a bareback bronc rider.

"My riding wasn't the greatest in the world," he recalls. "I looked like I was putting on a clown act when I rode, so I decided maybe that was the way to go."

Dobbs works about 35 rodeos a year, and in many of them he does a specialty act with an old car that rears up, falls apart and bursts into sheets of flame. But he says that protecting bull riders is why he does the job.

"In a way, clowning is like playing football. A clown has got to go into the arena knowing in his own mind he can do the job – really wanting to do it," he notes. "When we are working right, when we get a cowboy out of a bad spot, it's like scoring a touchdown. It's a feeling no money can buy."

# WHAT'S NEW

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Electronic monitoring plus new engines are offered in Massey-Ferguson 760 and 750 combines for 1979.

The new, standard-equipment electronic monitoring system helps boost operator efficiency. It is a completely sealed, plug-in, solid-state modular system which uses both visual and audible signals to alert the operator to a malfunction. Mounted overhead, the system's instrument panel is hinged for ease of service.

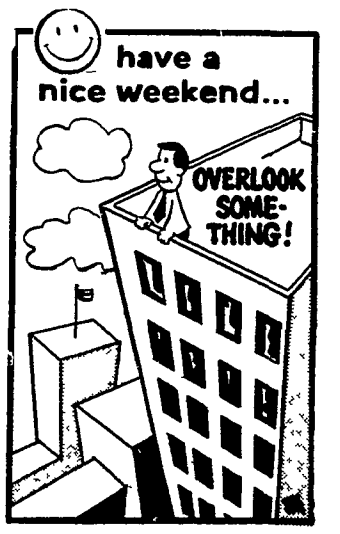
Included as standard equipment on the overhead instrument panel are a four-channel digital tachometer to monitor cylinder speed, rear beater speed, engine speed, and ground speed, plus a fuel gauge, engine water temperature gauge, voltmeter, engine hour meter, and blower and air conditioning.

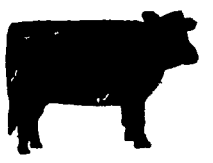
The system monitors 14 other functions including hydrostatic oil temperature, engine oil pressure, engine water temperature, engine air filter, rasp bar rethresher speed, straw chopper speed, parking brake, cylinder speed, fanning mill speed, grain elevator speed, straw walker speed, straw walker overload, stone door, and grain tank unloader.

When a malfunction occurs on a critical function such as engine oil pressure or water temperature, the system not only flashes a light and sounds an alarm – it also shuts off the engine. But an override switch can be used in an emergency to permit the engine to be restarted.

The MF760/750 combines are powered by new improved Perkins diesel engines. Choice includes the new 6-cylinder, 372 cu. in. naturally aspirated engine for the MF750 and the new 6-cylinder, 354 cu. in. turbocharged engine optional for the MF750 and standard for MF760. The 540 cu. in. V-8 engine remains an option for the MF760

Operator's cabs have been redesigned for greater ease of servicing and operating control as well as reduced noise levels. Operator visibility has been improved by reducing the size of the front corner posts and enlarging the right side windows.

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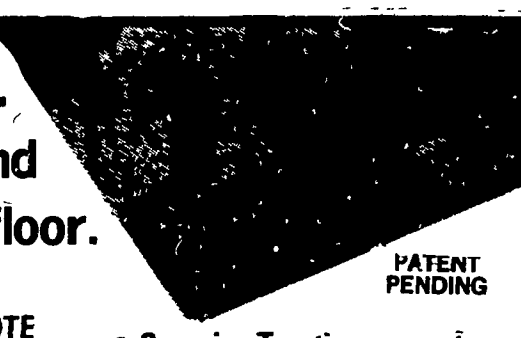

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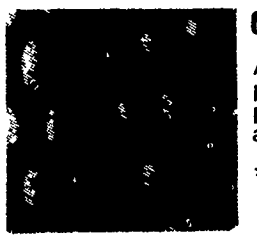

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# New potato may be hot item for chip business

UNIVERSITY PARK – Pennsylvania, once the potato growing king of the country and today the chief realm of the potato chip industry, has potato problems.

Potato acreage has plummeted from 200,000 acres in 1930 to 25,500 today; and both the State's 2,000-odd potato growers and many of its 32 chip producers are in trouble.

"Potato farmers," says Dr. David R. MacKenzie, a Pennsylvania State University scientist, "are struggling to make a profit in the face of rising production costs and often heavy crop losses; while the chip manufacturers are fighting massive losses of their own, due to poor quality chips and the product's short shelf life."

A major solution, Dr. MacKenzie continues, is to develop new potato varieties – one that will dramatically reduce the storage deficiencies that plague Pennsylvania's potato growers and chip producers; and another that will be able to successfully challenge the highly lucrative Idaho baking potato, that now dominates the East Coast market.

Such new potato varieties are possibly on the horizon – thanks to a major research effort by MacKenzie, a plant pathologist. Seeking to revitalize or even to "revolutionize" the State's ailing potato industries, he is using "genetic engineering" to breed new types of potatoes.

If he's successful, the public as well as the potato industry will benefit. For the new varieties, MacKenzie maintains, will result in cheaper, high quality home-grown baking potatoes and better-tasting potato chips

"The major hurdle is over," says MacKenzie "We've recently discovered a potato clone that can be stored longer than potatoes now grown in the State, moreover, we've started breeding a russet-skinned variety that will grow in our soil and climate and will rival the Idaho russet baking potato.

"In eight more years, the time still needed to fully develop and test the new varieties, we'll be ready to put the State's potato industry back on top"

Dr. MacKenzie is already growing an experimental potato crop on a 35-acre seed farm. His research is heavily supported by the State's potato growers, potato chip producers and the Pennsylvania Department of Agriculture

His work is also part of a cooperative 10-state effort to develop new genetic varieties, in order to revitalize the ailing potato industry from Maine to Florida.

This regional research recently uncovered a russet-skinned potato variety, that Dr. MacKenzie believes can be successfully crossed with a superior Pennsylvania potato. The resulting hybrid, he says, will be the key to doing battle against the "Idaho potato."

"The russet-skinned Idaho potato is not better than varieties grown elsewhere," Dr. MacKenzie maintains. "The skin has nothing to do with quality. It's just that, thanks to a multi-million dollar a year advertising campaign, the Idaho potato industry has convinced the consuming public that only a russet Idaho will do for a baked potato

"Because of differing soil and climate conditions, the Idaho russet won't grow well on the East Coast Soon, we'll be able to introduce our own russet' and we'll have an advantage, thanks to lower transportation costs, in being able to sell a cheaper, high quality russet baking potato"

A new baking potato alone, however, will not solve the potato industry's woes. A critical problem is the limited time that Pennsylvania potatoes can be stored. Not only does storage time affect potatoes' tendency to shrivel shrink and rot--but storage temperature can make or break a potato chip

Unfortunately," Dr MacKenzie explains, storage temperatures good for potatoes destined for the dinner table are a disaster for those designated for potato chips This causes problems for both those who grow the state's annual 700 million pounds of potatoes, as well as for the potato chip industry which uses half the harvest

"Pennsylvania potato growers are in deep trouble," says MacKenzie. "To make a profit, they must gamble. They can't afford to sell their crop at harvest, because prices are depressed thanks to huge supplies

"They have to store the crop until about January – in the hopes that the selling price for eating potatoes will then not only be higher than in October, but higher than for potato chip stock But here's where the risk comes in."

The growers, MacKenzie explains, must decide at what temperature to store the potatoes. This decision will commit the crop. If stored at about 40 degrees, potatoes will suffer a minimum of shrinkage and rot, and will be good for eating.

They won't, however, be usable for chips. Reducing sugars within the potato will build up, and will combine with amino acids when the potato is fried – to produce a carmelized, black, bad-tasting potato chip

If, instead, the potatoes are stored at 50 degrees, they won't be saleable for eating, and some of the crop will be lost to rot and shrinkage. What's left, however, will be sold, at a lower price than for eating stock, to the potato chip industry – most of which is concentrated in Pennsylvania.

The potato grower faces a major problem, then, in not knowing which way to commit his crop, and in struggling to make a profit At the same time, the potato

(Turn to Page 45)


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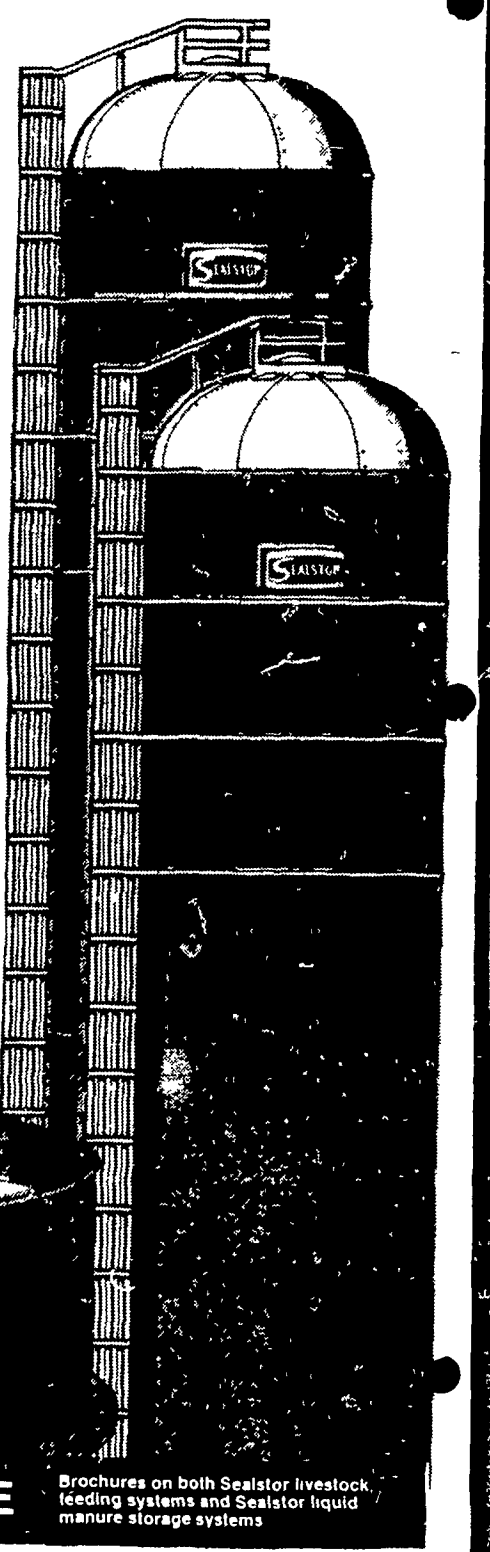

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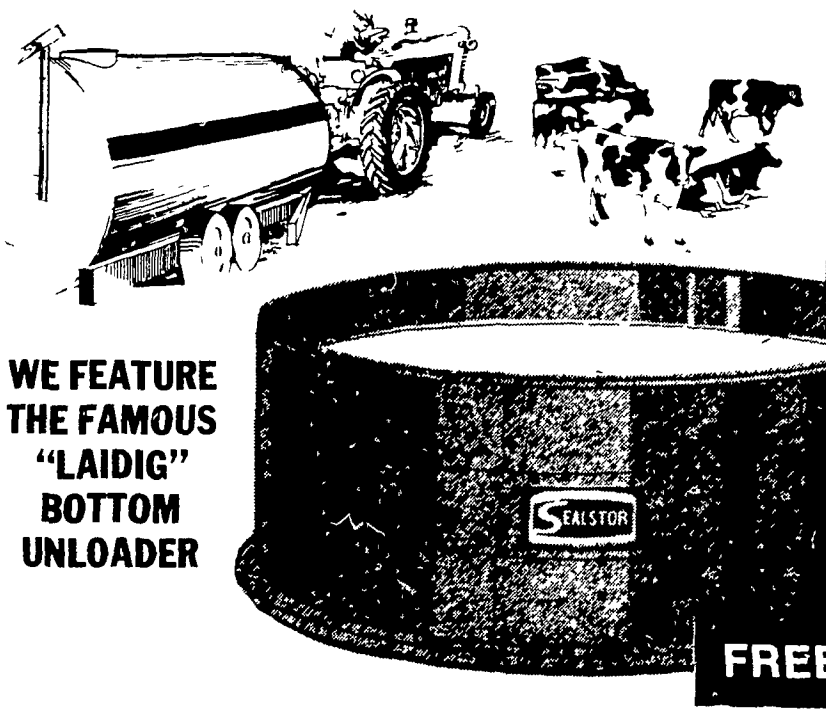

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# Harkin blasts farm fuel supply program

WASHINGTON, D.C. — U.S. Congressman Tom Harkin told the U S Department of Energy (DOE) recently its efforts to make good on President Carter's promise not to let American farmers run out of diesel fuel "is the most bungled and inept response by the federal government to an emergency situation," he's ever seen.

Harkin, who testified before a DOE hearing in Washington, submitted the names of nearly 70 southwest Iowa farmers who've run out of diesel fuel.

Harkin said his office had to provide the DOE's regional office in Kansas City with a copy of the special rule issued a week ago in Washington, which was to have guaranteed farmers access to adequate diesel fuel supplies.

DOE officials at the hearing admitted they "goofed" by mailing news of the emergency rule to Kansas City, rather than using telephone lines to transmit it.

Harkin said the DOE appears incapable of developing and administering the emergency fuel supply program for farmers before the planting season is over.

"You don't have six weeks to come up with something that works," Harkin said. "We're planting now and farmers are running out of fuel now."

Harkin recommended several changes in the program.

He suggested DOE establish fuel pools for meeting "emergency, dire farm needs," transferring some diesel supplies to rural areas from other parts of the nation, and that DOE turn over on-site administration of the program to state authorities who are closer to the situation.

# Do you have a second?

By HERBERT C. JORDAN
Penn State University

UNIVERSITY PARK – Last year poorly managed layer flocks earned 20 cents per layer per year net income to labor and management, while well managed flocks earned $1 00 per layer per year, net income to labor and management. We therefore see an 80 cent per bird improvement in income between poor flocks and profitable flocks. So the question is, will you spend 41 cents per layer per year with the risk of earning 80 cents more per layer per year?

Let's look at pullets which grow for 20 weeks or 140 days at one second for flock observation per bird per day or 140 seconds at .11 cent per second cost of manager or a total of 15 cents per pullet in the flock as management cost to look at birds, free caught birds, pull dead birds, care for needs of the bird in environment and nutrition and disease prevention or control. Net income to labor and management per pullet can be 25 cents per pullet so the question is, can you spend 15 cents to earn 25 cents per pullet per batch?

Let's look at meat birds like roasters which grow to 10 weeks of age or 70 days at one second per day or 70 seconds per roaster as observation time of the flock manager. This means if you observe each and every bird for one second per day during the growing period this costs you 8 cents per roaster to observe the birds, examine them for health, disease or parasites. Pick up dead birds, weigh live birds, post dead birds so that you keep in touch with disease or health disorders. The real question is, can you afford to spend 8 cents per bird to receive a better income when birds are sold? If you hire it done, this one second per bird per day will cost 8 cents per roaster sold at 10 weeks of age if you pay $4.00 per hour for a person to manage the flock.

If the manager does this himself or herself, then the cost is not 8 cents per bird, it is a question of where else can you place your time to earn more or less?

In looking at turkeys, the profit goes up. Let's say you are growing turkeys to 20 weeks of age or 140 days at one second to observe every bird for a second every day. Thus we see we spend 140 seconds observing a 20 week old turkey; we therefore hire someone at $4.00 per hour or .11 cents per second or we spend 15 cents more on every turkey on observation time.

So the question is, can you spend 15 cents per turkey to improve bird performance, to pick up and post dead birds, to keep feeders, waterers, environment and bird health perfect or as good as you can keep it?

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# New hot potato

(Continued from Page 44)

chip manufacturer cannot be sure what losses he will incur, due to the quality of the potatoes he buys.

In each case, a more hardy potato, storage-wise, would go a long way toward providing a solution. And this is where MacKenzie's research comes in.

"We have recently uncovered a potato variety," says Dr. MacKenzie, "that can be stored at 40 degrees and still be good for chipping. We're hard to work developing this variety.

"In another eight years or so, when this hardier variety with a russet-skin becomes generally available, the Pennsylvania potato industry will be in a position to take off.

"I don't think it's too strong to say we hope to 'revolutionize' the industry."

## F.W.S. Calendar

**Wednesday, May 30**
Berks Co. Society 7 meeting at Dottie Strickler's, Robesonia R1.

**Tuesday, June 5**
Berks Co. Society 23, meeting, 7 p.m. hostess Anna Mary Lefever. Visit Shady Lawn Home.

**Thursday, June 7**
Lancaster Co. Society 20 covered dish, 11 a.m.

**Saturday, June 9**
Lancaster Co. Society 13 doggie roast, 1 p.m. hostess Mrs. Benjamin Landis. Husbands invited.
Lancaster Co. Society 2 meeting at Emma Goss's Millersville.

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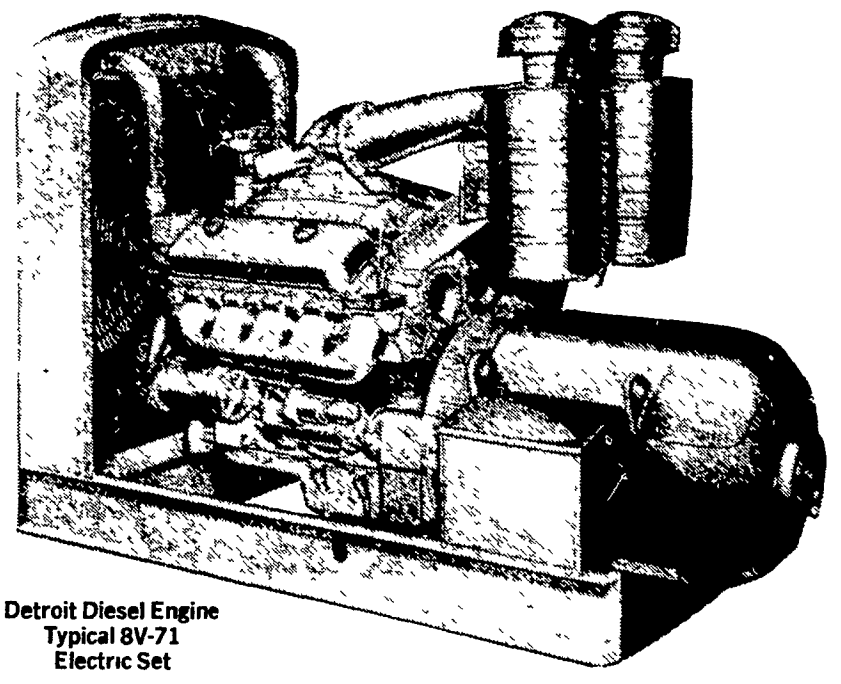

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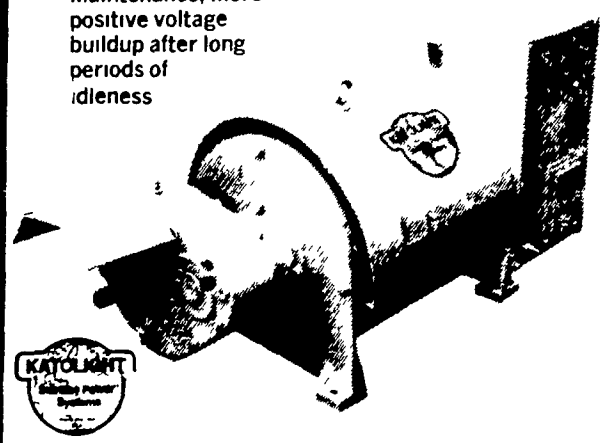


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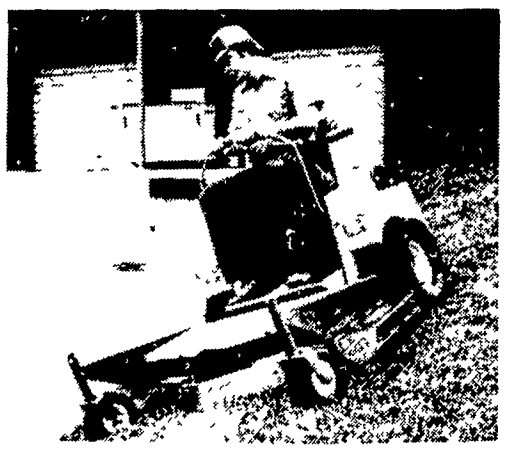

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Harvestore 25 x 70 heavy wall corn kit, Goliath unit, used 1 year, new in '75. Call days 609-829-2600, evenings 609-461-9041.

For Sale - Stauffer 2-row transplanter, very good condition. Call 717-665-3778.

### FARM EQUIPMENT

USED EQUIPMENT FOR SALE
1977 Allis Chalmers Gleaner Model M2 Hydrostatic diesel combine, less than 500 hours, with cab and air cond., 23x30 tires, Model 435 corn head. $38,000.00.
(Day) 301-374-2672
(Night) 301-239-8534

For Sale - IH No. 16 Forage Harvester w/corn head and direct cut. $250. or best offer. IH 460 tractor $2450 Call 215-847-2619.

Ford 4000 w/3 pt. hitch & hyd. side mtd. mower, $2750. Ford 8N w/3 pt. hitch, $1750
**Vilsmeier Equipment, Inc.**
Route 309
Montgomeryville, Pa., 18936
Phone: 215-699-3533

For Sale - 1977 White 2-60 Field Boss, 60 hp., 350 hrs., Ph 607-776-6355

For Sale - Frick 28 inch Threshing Machine in good condition Write John L. Zook, RD #2, Myerstown, Pa. 17067.

**Wanted**
Head for IH diesel 400 tractor
Roll-Cage for Monroe Bobcat Model 600
215-262-8800
Lehigh Co.

John Deere 1209 mower/conditioner, good condition, $3000 Clinton Co. 717-725-2052.

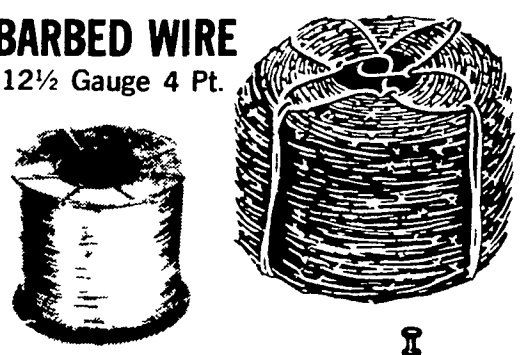
For Sale - Hi-Boy sprayer, good condition, adjustable wheels, 4 cyl. Wisc. engine, booms with drop double nozzles, extra weight added to wheels for better control. 203-372-7304.

For Sale - Roller mill for high moisture shelled corn. 717-458-4042.

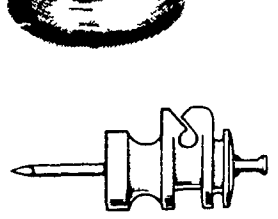
For Sale - 1026 IH Hydro Diesel, 2700 hours, good condition. 717-285-3574 or 717-684-0143

For Sale - Water tank trailer, 3200 gal. Ph: 717-626-2369.

**BARBED WIRE**
12½ Gauge 4 Pt.







**AARON S. GROFF & SON**
FARM & DAIRY STORE
R D 3, Ephrata, Pa 17522 (Hinkletown) 717-354-4631
Store Hours 7 A M to 9 P M
Closed Tues , Wed & Sat at 5 30 P M

### FARM EQUIPMENT

For Sale - H Int with click in rear end. 717-244-1124.

For Sale - Wisconsin motors - VG4 (40 h.p.) VH4 (33 h.p.) VF4 (25 h.p.) VE4 (20 h.p.), THD (18 h.p.). Available with or without clutch reduction. AHH (9 h.p. w/4 to 1 clutch reduction.) 717-687-6553.

Wanted - Drive gears for one horse Keystone tread power. Also large belt drive wheel. Bucks Co. 215-536-8291.

For Sale - JD model 55 combine w/cab, air, heater, lights, flasher, variable speed & electric clutch, (1) 12' grain head with hume reel, hydraulic reel, variable speed reel, pickup guards, 334 3-row corn head, also extra parts. 717-667-2185.

FARM TRACTORS IN COLOUR 80- years tractor history 118 full colour photos, 183 Pages $8.95 STEAM POWER IN AGRICULTURE, 100 years steam power, 184 Pages, 103 full colour photos $9.75 Special! Both hardcover books $16.95 Postpaid. Diamond Farm Book Publishers, Dept LF, Box 266, Alexandria Bay, NY. 13607

For Sale - Zimmerman Elevators, 28, 32, 36, 40 ft. lengths. Tapered, sawed & round locust posts. Lancaster Co. Stoltzfus Woodwork, RD 2, Gap, PA 17527, 1 miles N. of Gap along 897 717-442-8972.

HOG SLATS
Self-spacing concrete from 4 ft. to 12 ft. lengths. V.T. Petersheim, Box 315, R2, Mifflintown, Pa. 17059.

For Sale - Clay honey wagon, 800 gal., vac., JD 25A sprayer, 3 pt. mounted, Berks Co. 215-845-2538.

Tractor - 2470 Case, excellent, cab, heat, air, live PTO, 717-263-8424

For Sale - AC No-till corn planter, 4 row liquid top shaper, $2000. Eves. 201-369-4784

For Sale - 82 MF combine in good condition. 717-547-8062

For Sale - IH 856 tractor, low hrs., exc. cond., asking $9500. 717-284-2761 Lancaster Co.

For Sale - John Deere 2640 with cab and John Deere loader. 717-464-2778

For Sale - Farmall 856 Tractor with 1600 hours. 717-284-2761.

For Sale - One, like new Vicon, H1240 Trapeze rake, Used for only a few acres, 20 foot raking width, SWOPE & BASHORE, INC. 717-933-4138.

For Sale - 2 Wickes aluminum pole barns, 1 40'x200'x18' & 1 50'x50', Both 4 yrs. old in good condition. Greenhills area of Berks Co. 215-856-7153

For Sale - Oliver 55, 3 pt. hitch, good tires, $1500. 215-255-5211

For Sale - Even spreader, 7' x 9', complete, for single axle truck. 717-382-4445.

Farmall M Tractor with 33A loader, manure bucket and 7' snow plow. Remote control, excellent tires and running condition. Daniel Young, RD4, Doylestown, Pa. 18901, 215-348-3337.

### FARM EQUIPMENT

For Sale - 4 row no-till Cobe corn planter, like new $3500 914-856-8097

For Sale - Grove dump wagon, steel bed, $1200. Kingwise 42' elevator w/Wisconsin engine & corn drag, $700 Stump Acres. 717-792-3216 York Co.

For Sale - New 3150 gal. Better-Bilt tank for truck mount or trailer mount with vacuum pump. PH: 717-354-0379

For Sale - Double axle 340 bu. manure spreader with hydraulic tailgate. 215-286-9343

For Sale - 1970 Ford W1000 tractor, 250 Cummings, 10 speed, twin screw, sleeper $6000. 1969 Ford F1000 single axle trailer w/gas rebuilt engine $2500. Ph: 717-866-4906

Farmall cub, hydraulic, 2 way plow, cultivator, 5 ft. mower, wheel weights $2500
Farmall "A" plow, cultivator, wheel weights $1425
Farmall "BN" cultivator, 7 ft. mower, wheel weights $1100
AC "B" with cultivator $700
Farmall 200 cultivator $1400
717-687-6553

For Sale - Oliver Radex 3 bottom trailer plow, hydraulic lift on rubber in very good condition, 215-267-3739

Wanted - Corn planter, 2 row JD 290 or comparable equipment in good condition, 201-329-2765 after 5 p.m.

John Deere 310 Hoe & Loader, heated cab $12,500.00 Ford M5550 hoe & loader $12,500.00 John Deere 450 C loader $23,500.00 John Deere 555 loader $26,500.00 John Deere 440A Log Skidder $7500.00 7 other log skidders, Gallager log loader on Chevy truck $2500.00 34' Pak lift on 72 Ford 250 PS, $3975.00. Others, 814-793-2329 Curry Supply Martinsburg, Penna.

For Sale - Seven wheel New Idea speed wheel rake, good as new, $900. Call after 7 P.M. Springgrove, Pa. 717-225-4516.

For Sale - 1975 1466 Diesel tractor, 1700 hrs., very good condition. Also 1975 IHC 915 diesel combine w/15' grain head and floating cutter bar, very good condition. Priced right for quick sale. 304-263-9801.

For Sale - JD 10 side mounted mower $235; JD 14T baler with kicker or loading chute, excellent $795; Bale wagon with Grove running gear $595; Oliver 4 bar rake $245. 717-548-2559

For Sale - 2470 Case tractor, loaded, excellent cond., cab, heater, air, 4 hydraulic outlets, live PTO, new batteries. 717-263-8424.

For Sale - WD AC tractor, WFE & 3 pt. hitch, good as new tractor, $3000, Sickle bar mower, 7 ft. 3 pt. hitch $425, AC G Tractor with cultivator and 4 new tires $2100. 215-857-5265

For Sale - JD 730 Diesel, electric start, wf, centers, excellent condition. PH: 215-445-4280

For Sale - 1 IHC 440 Baler w/kicker. Like new. Must be sold. Call 301-472-4343 Whitehall, MD.

For Sale - IHC 50T haybaler, 4 cyl. water cooled engine, very good condition $350 firm. George Lance. 717-938-6480

For Sale - Pickup head for 550 IH harvester, used very little. 717-589-3320.

### FARM EQUIPMENT

For Sale - Gehl hydro blower, FB88, like new, 814-228-3587

New EZ Trail wagons and wagon beds, feed carts, farm gates B. John Stoltzfus, Gap RD 1, Millwood Road.

Wanted - D-PO-A Ferguson 2-row, 3 point corn planter, Ph 717-753-3210.

For Sale - Patz barn cleaner. 717-458-4042.

Wanted - Fertilizer side dresser for 2-row 3 point rear mounted cultivator. 215-395-9885 after 2 P.M. Lehigh.

For Sale - JD 1970 3020 Diesel, power shift, side console, wf, excellent condition, PH: 215-445-4280.

For Sale - 4 cylinder Continental power unit. David R. Stoltzfus, R.D. 2, Box 249A, Narvon, Pa. Wanner Rd.

For Sale - Farmall 1206 tractor with 6 bottom Int. plows, Excellent condition, 717-784-4285 or after 5 784-6359

For Sale - MF 300 cab, 3 row narrow corn head, chopper, 13 ft. platform, hyd. pickup reel, and love bar, quick-tach, $12,000 717-284-4659

For Sale - JD 720 diesel, electric start, WF, 3 pt., very good tractor, 717-284-4659

For Sale - AC 15 ft. disc; JD grain drill FB 15x7; JD #8 mower; NH hay rake; wheel rake; AC loader for WD 45 with forks; AC 4 row cultivator. 215-536-5011

For Sale - Lombardini diesel power unit available w/clutch reduction, Also AC & Wisc. power units. SPRING GARDEN REPAIR SHOP, Rd 1, Kinzer, PA 17535

For Sale - Set of steel wheels to fit Int. "A" or Super A. 717-687-6553

For Sale - IH 1066 with cab, 18-4-38 rubber, 3 pt. hitch, dual PTO, $12,250, IH 966 1976 black stripe, 3 pt. hitch, dual PTO's and hyd. 1200 hrs. $12,250, both tractors are real clean and good with guarantee for 30 days, will trade, 717-786-4899, 284-4659

Ford 9N w/hyd. loader & blade, $1950
**DENNIS M. MILLER**
Rt. 22 Grantville, PA
717-838-1888 anytime
717-469-7304 daily

For Sale - 10 Badger elevated calf stalls; JD 216 SU Forage Wagon 3 beaters with roof $1500. 814-228-3488

Fibredome calf hutches, $235. Call 301-592-7991

Caterpillar 933F crawler loader, direct start $6500
**DENNIS M. MILLER**
Rt. 22, Grantville, PA
717-838-1888 anytime
717-469-7304 daily

For Sale - 20 x 60 Harvestore with white top and Goliath unloader. Call 717-354-4051

For Sale - IH 715 D cab, 1973, 4 row head, wide or narrow, 15 ft. grain platform with hydraulic lift, pickup reel spreader, gear drive weights, good machine $14,750. 717-786-4899 or 284-4659

Case 850 crawler loader, $14,500.
**DENNIS M. MILLER EQUIPMENT**
Rt. 22 Grantville, PA
717-838-1888 anytime
717-469-7304 daily

For Sale - JD 95 diesel, cab and air, 3 row narrow corn head, 11 ft. grain platform, hyd. lift and reel drive, $10,500. 717-786-4899

### FARM EQUIPMENT

For Sale - Custom Built double chain, wooden conveyors & tapered board feeders for cattle and hog feeding systems. M. Rissler, Stevens RD 1, Pa. 215-267-2244.

**Crawler tractor parts.**
Used Caterpillar parts for 955 H, K, L; 977 H, K, L, & other models, large quantity available.
Used & New Parts available for Cat. A.C., IHC & other crawler tractors.
**Vilsmeier Equipment Inc.**
Route 309
Montgomeryville, Pa., 18936
Phone: 215-699-3533

For Sale - WINCO generator systems, home & industrial, 1500 watt to 100 KW, 24 hr. repair service. Gerald Bodman dealer for Leonard Martin Co., R.D. 1, Catawissa, Pa. 717-799-5306.

USED WISCONSIN ENGINES
2 & 4 CYLINDER
**WES STAUFFER SMALL ENGINES**
717-733-9174 or
733-0809

For Sale - New Zimmerman elevators - Pequea hay tedders - Smucker stalk choppers. Melvin Stoltzfus, Box 80, Rebersburg, Pa. 16872.

For Sale - Outside calf hutches with metal roofs. Also taking orders for bale thrower wagons with 6-8-10 ton running gears available. Plywood feed bins, will deliver & install, woven wire fencing.Stoltzfus Woodwork, R.D. 2, Box 2280, Gap, Pa. 717-442-8972.

For Sale - Model 1950T turbocharge diesel Oliver tractor, 10 hrs. on overhauled engine. 717-526-6198.

For Sale - 44 MH 6 cylinder tractor with 2 row mounted corn picker, $1325, 7 ft. pull type PTO combine, MH clipper with bin $350, items good condition, Mel Hausman 215-767-2730 after 5 p.m.

For Sale - ½ hp. capacity motors, 1725 rpm, total enclosed, B.B., 56 frame, 115/230 volts, single phase pickup $6995. 34 N. Reading Rd., Ephrata, PA 717-738-1298.

For Sale - Lamco forage wagon, $1000 with 8 ton NI wagon $600, JD 14T baler with kicker $500. Columbia Co. 717-925-6641

For Sale - McCormick #9 grass mower with 7 ft. cut. with engine base, NI #10 spreader. Leroy Esh, Rd 1, Ronks, 717-768-3681

For Sale - 5' rotary mower, 3 pt. hitch, $350. 7' MC rotary scythe cutditioner, gd. knives, $700. Both gd. cond. Carroll Co. PH: 301-848-7061 or 301-876-1956.

For Sale - 16 h.p. Cub Cadet tractor, hydrostatic drive, hydraulic lift, 3 blade mower, snow plow, 2 yrs. old. Ex. Cond. PH: 717-442-4279

For Sale - Series 7000 JD corn planter, plateless, cross auger, insecticide box, planted only 150 acres, like new, Carl Anderson, Box 75, Magnolia, DE 302-335-5312

For Sale - IH model 93 combine with 10 ft. platform and 2 row corn head, good condition, has guard extensions, wheel weights, straw spreader, lights, soybean gears and partial cab, $2500 firm, (Lebanon Co.) Call 717-838-2540 after 6 on Weekdays or anytime Sat./Sun.

For Sale - 15 ton Stoltzfus feed bin, like new, $1200, 717-656-9013.

## FARM EQUIPMENT

For Sale - Two Badger self unloading wagons in excellent condition, 3010 JD diesel tractor with side mounted mower, NH flail chopper, like new, Esco milk tank, 5800 lb. 717-273-4132.

For Sale - Pickup head for New Holland 718 forage harvester. Excellent condition. 717-258-6203. Cumberland Co.

Wanted to Buy - E-3 Co-op tractor for parts (need transmission gears) Also want to buy used Backhoe. Cumberland Co. 717-766-6758.

For Sale - New 54A NH bale thrower for 273 or 276 baler $650, 9" blower pipe $10 section, 717-694-3725

For Sale - IH 826 diesel, 3350 hrs., new clutch pressure plate, exc. cond., original owner. Dwight Claypoole 412-297-3577.

For Sale - New Mechanical Mulch Planters $995 up, Layers $765, New Mechanical, Transplanters to plant any plant $346 up. ORDER NOW for quick convenient delivery while prices are lower than some buyers anticipate. Many satisfied Farmer Users many nearby areas. Large farmers using multiple units, Small farmers one row mounted any tractor, pull behinds convertible for horses/tractors. Used Tractors $1150 up, 3 pt. hitch cultivator $235. Gardiner 410 Mullica Hill Road, Rte. 322 Glassboro N.J. 08028 Early morning, Evenings 609-881-7023.

For Sale - IH McCormick 46 hay baler, good working condition $350, riding lawn mower $25, Sears sickle bar attachment $200, Sears dozer blade $70. 717-838-6689

For Sale - Owatonna 330 loader, 1978 model, excellent condition $4995, Call Paul Johnson 717-561-2005

For Sale - 1978 M-2 Gleaner combine, A/C, heater cab, full monitor system, 13½ ft. grain head, 6-30 corn head, will sell separately 717-486-5624

For Sale - Frick thresher, MF #10 baler with engine and fore truck, JD 8 ft grain binder with engine mount, few single trees and links etc., 8 horse collars 18" to 21", 16" JD trailer plow, Oliver 2 bottom 12" plow Emanuel Z. Stoltzfus, R#1, Box 230, Bird-in-Hand, Pa. 17505

For Sale - 450 Case crawler loader diesel, Call after 5 p.m. 717-566-8141 or 717-566-2749

For Sale - John Deere flail chopper #15, good condition. $500. 301-398-0451, Cecil Co, MD.

For Sale - 110 gal. Better Bilt liquid manure tank. 717-865-6611.

For Sale - NH 477 mower conditioner, good condition Franklin Co 717-749-3476.

For Sale - JD cultivator, front mounted, 6 row wide or 8 row narrow, A-1 $850 201-859-2616

For Sale - NI cut/dittioner, model 279, good condition, used 2 years, Case 555 haybine, (Same as Hesston PT10), 717-426-1501

For Sale - 6 ft rotary scythe with 65 hp Wisc engine, engine like new, MF 12 baler David S Zook, RD 1 Box 233, Paradise, PA

For Sale - 1850 Oliver tractor in good condition, front end loader, 3 pt. hitch & good rubber, $7500. 301-662-8092 after 6 P.M.

## FARM EQUIPMENT

For Sale - 702D Uni with sheller & 3-row narrow head, excellent condition, will separate. Wanted - 6-row narrow head for JD 7700 combine 301-374-2273.

For Sale - 1012 NH automatic bale wagon, like new. Also 12' IH field cultivator with new Midwest harrow attached 302-349-4629

AC B-110, 10 h.p. Lawn & Garden tractor w/42" mower
11' Case Field Cult.(new)
OMC 540 Stacker & mover
(2) NI 214 manure spreaders
NI 710 Combine
NI 751 Hay Conditioner
NI 705 Power Unit
NI 702 Power Unit
**ROY H. BUCH INC.**
EPHRATA
717-859-2441

Tractor Pullers! Here is your Modified, just put it together. F20 23x26 tires & rims & 460 Lincoln engine, $1475 or best offer. Lanc. Co. 717-786-7518.

For Sale - No. 26 Super Massey Harris combine, 10' grain head, working order, $400. 717-933-8264.

For Sale - Roller bearing spring wagon, circular saw frame & 2 saws. 215-593-5754.

For Sale - NH 455 trailer mower; NH #55 & NI 400 roller bar rakes; Ford 501 7' mower; NI horse rake & tedder; NH 24' & 36' elevators; Farmhand 5 wheel rake PH: 717-687-6553

MF 165 diesel, 700 hrs., 200 loader, 3 pt. hitch, good condition, $4600. 609-829-4765.

For Sale - Late Model 1466 Farmall, cab & air, $13,900. 4020 JD, new 1310 Long with cab & air. 717-547-8062

For Sale - NI 1 row transplanter, mechanical 3 pt. & tool bar transplanters; Field sprayers w/fiberglass tanks, 100 & 300 gal. PH 717-687-6553

For Sale - IHC ground drive corn binders, 1 like new; IHC PTO corn binder; IHC #9 ensilage cutter; JD PTO corn binder wagon loaders for IHC & JD PTO corn binders, Gehl field harvester #FH84, 6 knives. PH: 717-687-6553

For Sale - 7' MC rotary scythe, new knives 717-733-4453.

For Sale - Two #7 NH Forage Boxes, three beaters, very good cond. 215-679-2848

For Sale - NH Super Hayliner 68 baler, good condition, ready to bale. IH #8 3-14" plow, real good condition. 717-365-3562 Dauphin Co

For Sale - New Holland 818 harvester with pick-up and 2 row corn head. Call 717-789-3367

For Sale - 4010 JD Diesel wide front w/weights, 190 XT AC wide front. PH· 717-786-2534

For Sale - Single row planter for A Farmall, mounts on cultivator. 717-862-3744 York Co.

For Sale - 4020 JD side console dual valve, wide front & weights PH 717-786-2534

For Sale - Used Vent-o-Matic fans, good as new NH grain dryer, Myers 100 gal 3 pt hookup sprayer 717-426-2139

10 USED MOWER CONDITIONERS AND HAYBINES
This Includes
Hesston 310, self propelled, Hesston PT10, NI 299, NI 290, NH 479, NH 469
**WENTZ FARM SUPPLY**
**Palm, PA**
**215-679-7164**

## FARM EQUIPMENT

For Sale - New Idea Uni 710 Combine 13 platform, 723 2-row corn head, $3250 215-965-5203

For Sale - Rockford PTO clutch reduction, excellent condition, $175 717-382-4445

For Sale - MF 510 combine with 12' grain head & 4-row wide corn head 717-458-4042

Wanted - Good used MF 880 six bottom plow - 16" bottoms Ph 717-753-3210

For Sale - Used Schwartz mixer feeder wagon. 717-394-0541.

For Sale - Allis Chalmers model G tractor, plow cultivator, snow plow, $1400. Call after 3 P.M. David Orwan, R.D. 6 Hummelstown, Pa. 17036. 717-566-2789

For Sale - JD 3010 gas tractor, W.F. utility type. Price $3200. Ph 717-532-8601.

For Sale - Jamesway Sanimatic cable barn cleaner, gearing like new, Oliver 770 gas tractor, Oliver ground drive manure spreader, Oliver 2 bottom 3 pt. plow, ground ear corn hopper attachment for a Fox 3000. Call 717-677-8789 Adams Co.

For Rent - 6 HARVESTORE Silos, Located at Peacevalley Hayage, Doylestown, PA. To Store 1979 Grain crop. Please call 215-345-7370 for more information.

For Sale - 20x70 Harvestore silo with Goliath unloader, 3 yr old, Located in Dauphin Co., 85 ft. tapered board feeder 717-527-2209.

For Sale - JD baler, bale thrower, mower #8, mower #5 (repairs only), flail chopper, J V. Ensor, White Hall, MD After 6 p.m. 301-357-8583

Wanted - Used NH roller bar hay rake #55 or 56; For Sale - NI hay crusher, good condition, Heist, RD 1, Norristown, PA PH 215-584-6667.

For Sale - Farmall 460 with fast hitch, NH 56 hay rake, NH baler w/PTO thrower, Case 830 D, Oliver 77 Gas, NI No. 310 corn picker, JD 12' cultimulcher, 3 pt. 2 row corn planters 215-562-4464 Berks Co.

For Sale - New NH 315 baler, super sweep, flotation tires $4850, JD 640 rolobar rake, rubber teeth $885, Pequea hay tedder (PTO) slightly used $875. Jacob M Fisher, E. Gordon Rd., Rd 2, Gordonville, PA.

For Sale
McDade hay drier with 36" fan and 5 hp. motor
Hay track carrier 54' rope and fork (buyer must dismantle)
Smoker bale booster, 20 ft.
4" Grain auger 12 ft.
Above 4 items in excellent condition,
Farmall H hyd. right and left plows, cultivators
Int. 45T baler, PTO
Above 2 items need some work
Six items above - one owner
JD manure spreader
Carbon Co
717-386-5120
Please Call first

For Sale - NH combine model 975, potato sprayer, Myers air blase, Breco potato harvester, Dodge truck, Hemmey engine, Chester Co 215-286-9426

For Sale - 2 Harvestore silos complete with unloaders & air bags Roller Mill & Weigh Matic with connecting augers 40 Frey Bros' elevated calf stalls Gleaner combine 'F' with both late model heads JD 4020, excellent condition Pn 301-296-4937

## FARM EQUIPMENT

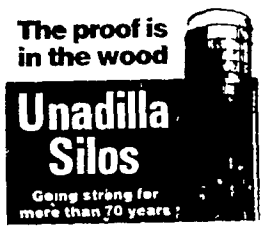
For Sale - Reel type lawn mower sharpener, 215-926-2613 or Write Herbert S Field, RD 1 Box 228, Ginmill Rd., Mohrsville, PA 19541

For Sale - JD 520, PS, 3 pt, 2200 hrs, excellent condition, good paint 215-445-4716

For Sale - 3 Grove high side hay wagons, 8' x 16'. NH 23 blower, 40' pipe, NH 340 grinder mixer, Lapp 32' elevator, David Brown 995 tractor, Woods 120 rotary mower 215-644-9226

**For Sale**
1 used 20 ft Silomatic silo unloader w/new augers $800
2 Used 16 ft. Van Dale silo unloaders
1 New 18 ft. forage wagon SOLD $1400
1 70 ft auger feeder SOLD $1000
**K & S Inc.**
**Van Dale Sales & Service**
RD 1, Quarryville, PA 17566
717-284-3111

**For Sale**
Used Gehl CB-600 harvester, 1000 rpm, PTO, elec. knife sharpener
TR-600 2 row narrow head, H.A, 100 hay pickup $2100
Gehl 120 grinder mixer, hyd drive
Owatonna grinder mixer model 424
New Gehl FB-87 blower $785
Gehl HA 900 hay pickup $900
**N.G. HERSHEY & SON, INC.**
Manheim, PA
717-665-2271

The proof is in the wood


**DANIEL S. STOLTZFUS**
Narvon, RD2, PA 17555

Ford Tractors Equipment
SPERRY NEW HOLLAND
**TRACTORS**
IHC 1206
'74 Ford 3550 Diesel, 13' backhoe, torque converter trans.
(2) 9N Fords

**EQUIPMENT**
JD 35 Harvester w/2 heads
880W (Demo) pickup Head
MF & Ford 3 pt hitch Hay Rakes
IHC 47 Baler w/thrower
NH 270 Baler
NH 33 Crop Chopper
NH 469 Haybine
NH 45 Grass Mower 7 ft
**CHARLES S. SNYDER INC.**
RD 3 Tamaqua, PA 18252
Phone: 717-386-5945

## FARM EQUIPMENT

1977 NH 479 Haybine
JD 4430 tractor, SG, PS
JD 4230 tractor, SG, PS
NI 272 Cut-ditioner
1978 NH 1032 Stack wagon
NH 430 Baler
5' Rotary mower
Model 451 9 ft. sickle bar
Hesston 30A, 9 mo. warranty
JD 350, mold board plow, 5-16" btm.
**Call After 5 P.M.**
**215-932-8510**

**FOR SALE**
Oliver 540 corn planter 4 row
Oliver 77 w/steel wheels
MF 1155 w/Duals
IH 656 hydro (SOLD)
IH 766
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 720 Disc, 14 ft.
MF 321 corn head
JD 4020 side console
**MELVIN M. BURKHOLDER**
Ephrata, PA.
717-859-2960

**TRACTOR & MOTOR REPAIRS**
Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
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**WALT STIVELY, JR.**
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USED HAYBINES
(1) NH 1469 Self Propelled $3995 00
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HAY BALER
NH 271 w/thrower $1 095 00
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Loysville, PA
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**USED LIQUID MANURE EQUIPMENT**
1875 gal. spreader
1-Agromatic hydraulic manure pump transfer, like new
**NEW EQUIPMENT**
1-Little Auggie mixer box
1-370 GT Grain Dryer
1-3150 Better-Bilt vac liquid manure spreader
1-2100 Auger-matic spreader
1-Better-Bilt Lagoon pump
**SHENK'S FARM SERVICE**
Phone: 717-626-1151

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New and Used Equipment
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Rt 322 Midway
between Honey Brook & Blue Ball
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## FARM EQUIPMENT

For Sale - MF 20C tractor loader w/cab, $12,500. MF 255, $10,500. MF 275, $12,500 MF 116 forage wagon, $4,395 MF 520 disc, 12', $2,750. MF 811 diesel skid loader, $8,500 Dettson snow blower, $1,460. Brillion 9' cultimulcher, $795. Zechmans Farm Supply 717-374-7231.

case®
New Owatonna Windrower, Used about 25 to 50 acres.
Roterra 12' used about 50 acres, less than 6 mos. old
IHC 203 & 205 Combines w/13' grain heads
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**FOR SALE**
JD 1970 3020 Diesel power shift, side console, wf, ex cond
JD 1968 3020 Diesel, PS, 1500 hrs. NF, Dual hyds., new tires, diff lock.
JD 730 D, electric start, wf, fenders
IH 574 w/loader, less than 900 hrs
Oliver #546 4B 16" Semi-Mtd. plow, like new
IH 550 harvester, narrow-wide row head
NH #7 forage wagon 11 ton gear tandem axle.
NI #214 200 bu manure spreader, hyd. end gate. top beater
JD AW disc
Case 10 ft transport disc w/cyl.
JD 24 T baler w/#2 thrower
Brillion 12' cultipacker
IH 5 Flail chopper
NH 460 haybine
JD 10 side mount mower
JD 55 table blower
JD 567 wheel rake
NH 69 Hayliner
Dunham SOLD cultipacker
NI hay rake
MF & JD front end weight
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WHITE - 2-180 Tractor
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2-35 Tractor
2-30 Tractor

GEHL-
MC 1090 Mower Conditioner
920 Forage Box
FC72 Flail Chopper

NEW IDEA-
272 Cutditioner
279 Cutditioner
299 Mowditioner
323 Corn Picker
245 Spreader
41 ft. Elevator

• Suzue 150 4-wheel Drive Tractor

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26 Ft. Long Elevator
Farmall M
4 used NH Spreaders
Oliver 565 4-Bot. Plows
Oliver 3242 Mtd. 3-Bot. 14" Plow
MF 4-Bot. Plow
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King Offset Disc 10'4' 4800 lbs w/scrapers
Stak Hand model 10 stacker (Used 1 yr.) w/hyd. power pack
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Case 1537 uni loader rebuilt, 37 h.p. engine, 66" bucket
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Ford 8N, new rubber, rebuilt engine, complete w/original tinware

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JD 430 WFE tractor
JD 2, 3, 4 btm. plows
JD 24T baler with #2 ej.
Case baler
JD 483 mower conditioner
JD 9 3 pt. mower
JD 3 pt. 246 planter, 2 row
JD 1440 no-till planter, 4 row w/insect. w/liq. or dry fert.
NEW
JD 1440 4 row planter w/insect. w/dry fert. less than dealer cost
1974 Ford 100 4 wd. truck
Liquidation Sale

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AC D14 w/plow
Int. 560 diesel
JD 630
Ferguson 30

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NH 30' elevator; NH 68 baler; NH 55 hay rake; (3) NH 450 mowers; John Deere KBA disc, (1) transport, (6) pull type Oliver 2 B pull type plows; Oliver & IHC 2 way plows; MC 7 ft. rotary scythe: PTO Nicholson hay tedder; NI 751 & 752 hay crushers; Wisconsin engines, 2 cylinder & 4 cylinder w/clutch reduction; AC-B/power units w/clutch reduction.

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12 FT. THRU 16 FT.
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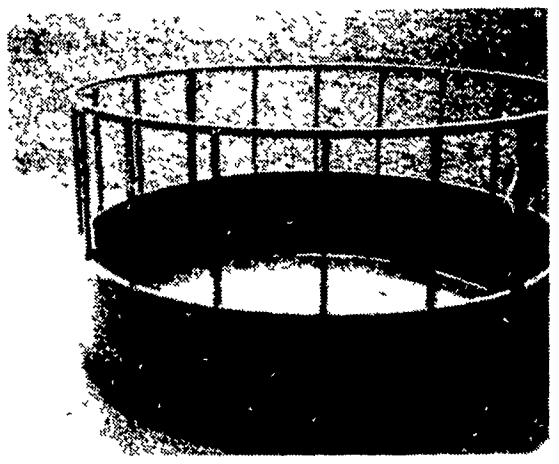
CONSTRUCTED WITH STRONG 1¼" & 1½" SQUARE TUBING - NO BENDING - MADE IN TWO HALF SECTIONS FOR EASY TRANSPORTING - ALSO EASY OPENING FOR LARGE BALES. 6 FT. STRAIGHT PANELS AVAILABLE TO MAKE LONGER, LARGER UNITS.



7½ FT - 18 SECTION FEEDER
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1-20' SILOMATIC — GOOD - $1495 00
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415 15'
420 21' Folding
430 30' Folding
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**TRACTORS**
4240 Cab & air
850

**COMBINES**
7720 (SOLD)
216 Flex Head
643 CH

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100 3 pt 9'5"
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210 15'8"
310 14'3"
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F1450 5-16

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**ROTARY MOWERS**
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45 6'
78 7'
88 8'
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(2) 143 60" bucket
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(2) 148 72" bucket
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**MANURE SPREADER**
660 330 bust (SOLD)
54 230 bushel
40 175 bushel
34 150 bushel

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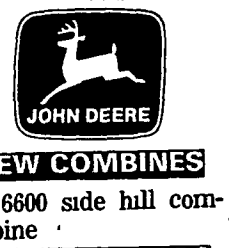

**USED EQUIPMENT**
MF 1085 diesel
MF 85 diesel w/loader
MF 65 diesel w/loader
MF 202 gas w/loader
Oliver 550 w/loader
Ford 641
JD KBA 9' disc
AC 6-row air planter
MF 510 diesel combine
NH 354 grinder mixer
Farmhand 815 grinder mixer
Gehl 65 grinder mixer
MF #42 7' mower
NH 282 baler w/thrower
Gehl 72 chopper
Gehl BF 191 blender box
MF 205 spreader
NH 475 spreader
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**NEW COMBINES**
JD 6600 side hill combine

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Farmall M
Ford 821
JD A
JD B
JD 50
JD 520
JD 720 D
JD 430
JD 730
JD 1020
JD 3010
JD 3020
JD 4020
MH 30
MF 35
Farmall Cub

**USED MOWERS**
Hesston PT 10
JD 5
JD 8
JD 10
JD 39
JD 50
JD 350
NI 41

**USED BALERS**
AC 303 w/thrower
JD 14 T
JD 336 w/thrower
JD 346 w/thrower
INT 50 T
INT 241-Big Rolls
NH 77

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**FOR SALE**
2 Grove 3 beater forage boxes, $1390 ea.
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JD 485 haybine $1375.
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NI 323 1 row corn picker, $2750 nice cond.
IH 16 ft. forage box w/new 8 ton gear 11Lx15 tires, $1725.
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Graham 7 shank, pull type chisel plow, $380.
Fox 16 ft. forage box, $1500.

**HEISEY FARM EQUIPMENT, INC.**
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Farmall Tractors 1206, 1468, 856, 650, 460, 350, 240, A, C, & Cubs. Ford 9000, 8000, 7000, 6000, 4000, 5000 & 8N. Oliver 2150, 1950, 1850, 1355, 1650, 1800 & 880. Case 4 Wheel Drive 1200, 1070, 830, 930, 730 & 630. Deutz 10006, 9006, 6006, 6005, 5005 & 5505. Tractor with Loader. Massey Ferguson 1130, 3165, 1100, 1085, 90, 85, 178, 165, 180, 150 & 50. John Deere 4020, 4010, 3010, 3020, 1020, 730, 430 & 630. Moline G1000, 705, 445, 5 star & 670. Allis Chalmers 190, 180 & D14. 1 to 5 Bottom Plows, Disc Harrows, Rotovators, Chisel Plows, Roll Over Plows, Cultimulchers, 2-4-6 Row Corn Planters, Cultipackers, Lilliston rolling Cultivators, Balers, Rakes, Mowers, Potato Planters, Rotary Mowers, Stone Picker, Harvester, choppers, Blowers, Forage Wagons. 1-2-4 Row 3 Point Cultivators, Hay Fluffers, Crimpers, Liquid Spreaders, 1 & 2 row Transplanters, Grain Drills, Grinder Mixers, Blades 2 pt., 3 pt., & Snap Coupler. Clay Tank Spreaders. 3 Point Backhoes, Skid Loaders, Trenchers, Pay Loaders, Fork Lifts, Tractors with Loaders & Backhoes.

Hundreds of Tractors and lots of Equipment not listed.

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AC 4 row no-till planter, good condition, $1000. 2 - JD 216 Chuckwagons, good condition, $1500 Ea. JD 50 Mounted Mower, $250. JD 34 Hay-conditioner, $300. Call 717-235-4960

**TRACTORS**
Oliver 1950T, 1750 w/cab
880, 77G,
MM 955
White 2-44 Backhoe, 400 hrs.
IHC 460 w/loader
JD 530 PS & 3 pt.

**COMBINES**
White 8600 w/4 row and 13' grain head
AC C-II 4 row 13'
IHC 151 2 row 10'

**HARVESTERS**
NH 880, 818, 717, 616 All w/corn heads and pickup heads
IHC 350, 55

**FORAGE BOXES**
New Holland and John Deere
Also Bale Wagons

**LOADERS**
Kelly 600
IHC 2000

**BALERS**
NH 315, NH 269 w/thrower, NH 278
MF 560 Round Baler
OMC 540 Stacker

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New Holland, White
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For Sale - 255 Massey Ferguson, 3 bottom JD plow, Industrial loader, fork & bucket, log cart with PTO driven, new cab, low hrs., like new. Best offer. 717-235-2289.

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NEW AC 5040D
AC 5040D, 400 hrs.
AC 160D, PS, 3 pt.
AC D17, wide front, p.s.
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Ford 4000 D, 8 spd., PS
Ford 6000 D
Ford 5200 NFE.
Ford 5000D 8 spd.
Ford 5000 w/turbo charge
Ford 4000G, 8 spd.
Ford 3500D w/loader
Ford 3000 G, 8 spd. PS, 950 hrs.
Ford Jubilee Original
MH 30 w/loader
Farmall M
Farmall 200
Farmall 560D, PS
Farmall Cub Low-Boy w/fast hitch, Mott Mower & Snow Plow
Farmall Cub, w/fast hitch
MF 65G, PS
MF 35, live PTO
IH 424D w/p.s. & 3 p.t.
Satoh w/mower
JD 4020 Diesel
JD 730 D w/elec. start
JD 50, PS
Case 830 WFE
Case 400 WFE
Ford 501 Mower
Ford Haybine
Ford Baler w/thrower

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For Sale - IH McCormick Deering horse mower, 5 ft cut Good shape 717-362-9842

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New JD 1065A Wagons $550!
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New 2440 JD Tractor
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SPERRY NEW HOLLAND

## FARM EQUIPMENT

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JD 4430 Tractor w/dual wheels
JD 4020 side console WF
JD 4020 NF Tractor
JD 2440 Tractor
JD 2020 Tractor
JD 830 Tractor w/145 loader
JD M Tractor w/Woods mower
IHC Cub Tractor w/mower
JD 494A Corn planter
IHC 4-row corn planter
JD 3800 Chopper w/2 row corn hd.
JD 3800 Chopper w/2 row corn hd.
JD 34 Chopper w/corn head
JD 55 Combine w/13' platform & 235 corn head.
JD 214 Baler w/thrower
JD 115 Chuck Wagon w/roof
JD 227 Corn Picker
John Blue, 300 Gal. applicator
John Blue, 500 Gal. stainless steel applicator

**ENFIELD EQUIPMENT INC.**
Whiteford, MD 21160
Ph: 301-452-5252

## FARM EQUIPMENT

JOHN DEERE

**USED FOX SELF PROPELLED SUPER D WITH 3 ROW HEAD $7900**

- Used JD 2020 tractor with 146 loader
- Used JD 1010 T tractor
- Used JD FBA 17x7 Grain Drill

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For Sale - Int. No. 78 cultivator fits most newer Int. tractors from Model 656 on. Used 100 acres. $1100. PH. 201-859-1207 or 201-454-0597.

For Sale - 1971 MF 175 Diesel tractor with new Schwatz 1400 loader & auxiliary pump. Can be sold separately. PH: 201-454-0597

Oliver 710 baler, good condition MF 275, less than 300 hrs., big rubber, like new.
JD 3 pt. PTO hay rake.
JD KBA 24 disc, extra nice
IH 3 pt. corn planter, like new
NH 461 haybine, clean
Hesston 4500 baler w/motor, demo.
IH 3 x 16 auto. reset plow
New Pequea hay tedders in stock, PTO & ground drive on steel

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**SPECIALS**
New JD 3800 Harvester $5,460.
JD 1900-16' Transport Harrow $1,695.

**TRACTORS**
IH 186, 1 yr. old
IH H, new paint
IH Super C
AC WA

**HARVESTING EQUIP.**
Fox Super D SP Harvester w/3 hds.
Gehl 600 w/2 heads
JD 4400 Combine w/2 hds.
JD 105 Corn Special w/2 hds.
JD 45 Squareback w/2 heads
Ford 612 Harvester - new

**TILLAGE EQUIP.**
JD 1640 Plowing Disc
JD 145 5-16 Plow
JD 416 F125 Plow 4-16
JD 516 F130 Plow 5-16
JD 950 14' Roller Harrow

**HAY EQUIPMENT**
NH 1495 SP Haybine, 1 yr. old
JD 24T Baler w/ejector sharp
IH 37 Baler w/thrower
IH 420 Baler
JD 14T Baler
NH 451 Mower, used once

**MISCELLANEOUS**
IH 510 Grain Drill
IH 1250 Grinder Mixer w/scale
IH 555 Manure Spreader
NH 675 Manure Spreader
Ontario 14x7 Hoe Drill on rubber
MF 205 Spreader

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Halifax, PA 17032
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**NEW AC MODEL MKS 2 COMBINE w/13' FCB grain head $39,900**

**NEW TRACTORS**
AC 5020 diesel
AC 5030 diesel
AC 5040 diesel
AC 5050 diesel
AC 7000 diesel, PS

**USED TRACTORS**
AC 7000
IH M
D14

**USED COMBINES**
MF 300 combine
IH 303 combine w/heads
(3) AC K combines w/heads
Int. 203 w/heads
IH 91

**USED EQUIPMENT**
AC 3100 HD disc harrow, 10'
AC 5 bottom spring trip plow
NI 326 husker unit
GT 570 grain dryer
NI 729A sheller attachment
NI 728 corn head
JD #18 1-row corn picker

- DEFERRAL OF FINANCE ON NEW & USED COMBINES Till Sept. 1, 1979

**HESSTON 7020 FORAGE HARVESTER w/1-ROW CORN HEAD $4200**

Sunflower Disc Harrows

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365 Manure Spreader
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230 & 234 Wagons
#8 Forage Boxes
Pickup Head 770
25, 28 & 30 Blowers
Balers & Rakes
845 & 850 Round Balers

**1400 SP Combine, Dies, Hydro Drive, Air Cond., etc. SPECIAL PRICE**

**N.H. USED EQUIPMENT**
469, & 479 Haybines
890 Fg. Harv. w/2R Head
33 Flail Chopper
Flail Att. for Baler
717 Forage Harvester w/2 row heads
1880 SP Fg. Harvester
351 Grinder-Mixer
516T Spreader

**MISC. USED EQUIPMENT**
Hesston forage harvester w/windrow & corn heads
Farmhand 810 Grinder-mixer
Leyland 344 Tractor w/loader
Oliver 620 Baler w/PU
IHC 40 Spreader
710 Starline Tank Spreader
Rear Unload Wagon
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SPERRY NEW HOLLAND
PARTS and SERVICE

## USED EQUIPMENT

**TRACTORS**
- Int 1456 4-Wh Drive
- Cockshutt 40
- 830 Case "CK"
- Case 830 Tractor
- Case 1070
- Case 430

**LOADERS**
- Case 1737 Skid Loader
- Case 1740 UniLoader

**TILLAGE**
- Case Disc Harrow
- JD Disc Harrow
- JD 4-Bot Plow
- Case 2 Bot Plow
- MF 5 Bot Plow, Semi
- Used Cultipacker

**HARVESTING EQUIPMENT**
- IH 2PR 2-Row Picker
- Fox 2-Row Harvester
- Ford 602 2 Row Mtd Picker
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- Oliver 430 Combine
- IH 55 Harvester
- Case 300 Harvester
- Case V 12 Shredder
- Hesston 2000 100 Harvester

**HAY EQUIPMENT**
- Case 650 Self Propelled Windrower
- NI 290 Mowditioner
- NH 68 Baler with Thrower
- Case 200 Baler

**MISCELLANEOUS**
- Ford 4-Row Corn Planter
- JD 2 Row Planter
- JD 494-A Corn Planter 4 row
- 10 Used Spreaders
- NI 224 10-ton Spreader
- Papec Self Unloading Wagon

NEW IDEA FARM EQUIPMENT

SPECIALS ON NEW EQUIP
• Chisel Plow

*90 Series Tractors In Stock Now!

case

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WHITE Farm Equipment

**NEW EQUIPMENT**
White 2-135
White 2-105 w/cab
White 2-85
White 2-60
White 2-50
Glencoe Soil Savers, SS5 SS7, SS9
NI 708 Uni System
6C, 8C & 12C Hydra Mac Skid Loader
Hesston Windrowers 6610 12' w/cab & air 6450 12'
Hesston Stakhand 10
Hesston 33' Field Cultivator

**Sept. 1, Interest Waiver on Fox Harvesters Check Our Low Prices Also 1977 Prices on Brady Field Cultivators**

**USED EQUIPMENT**
Farmall H
Farmall C w/loader
Farmall Cub w/mower
Ford Dexta dsl.
MM 4-Star
AC WD
Hesston Stak Hand 10 1 yr.
Fox SPF Super-D Harvester
NI 710 Combine
NI 711 Head
NI 713 Head
Glencoe SS11 Soil Saver
Glencoe SS9
NH 36A Flail Chopper
10' Oliver Disc
NI 729A Sheller
41' Kewanee Elevator
NH 27 Blower
Gehl Forage Wagon
NI 3 Btr. & Roof Wagon
Dion 3 Btr. & Roof
JD 18' Wing Disc
Oliver 252 Wing Disc 16'
Case 516 Plow
Oliver 6-20" row planter
Artsway 750A Silo-Mix
Bearcat 72A Flail Chopper
Hesston Stakhand 30
Hesston PT10 Haybine
Case 555 Haybine
AC 390 Haybine

**STOLTZFUS FARM SERVICE**
Cochranville, Pa.
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**SPECIAL**
**NEW Bull Dozer Electric Fencers Model 4309 $44.95**

New Century Sprayers in Stock, 300 Gallon w/35' boom

New Hesston 4500 Baler with thrower Special Price

Waiver of Finance on (New) New Idea PTO Manure Spreaders till Nov. 1, 1979.

**USED EQUIPMENT**
Farmall C
Gehl 600 Harvester w/2-row head & pickup head & knife grinder
Fox 1-row Harvester w/hay head & pickup head
JD Harvester, 1 row head & pickup head, nice condition.
IHC 151 Combine w/16' grain platform
Hesston 1014 hydro swing windrower, nice cond.
Hesston PT10 Windrower
Gehl 1500A Demo Round Baler
Gehl 115 Mix-All
JD #46 Manure Loader, fit 3010 thru 4020 tractors
Gehl HA900 Hay Pickup attch. for 600 or 800 Gehl Harvester
Lamco 3 Btr. wagon w/roof
(3) Dion wagons
Badger 3 btr. unloading wagon w/roof & tandem running gear
Lamco 18' steel bale rack wagon on 10 Ton Running Gear, like new.
3000 gal. Molasses tank with pump & motor
NI 10' fertilizer drill

**SPECIAL PRICES On Toro Riders & Walk-Behind Mowers**

*WILLIAMS
*BEESON
*AMSOY 71
SOYBEAN SEED & INOCULANT IN STOCK

**UMBERGER'S MILL**
New Idea, Gehl, Hesston & Brillion Dealers.
RD4, Lebanon
(Fontana)
Phone 717-867-5161
or 717-867-2613

FARM EQUIPMENT

**Used Equipment**

Cross corn sheller w/cob stacker, ex. cond., used only 1 time
#82 Massey Harris combine, grain head & corn head
#401 IH spring tooth harrow, 12' width
IH #15 hay rake, 2 wheel drive
JD 5 bottom trailing plow, for a bargain hunter
AC 7000 tractor, over 100 h.p., ready for the field or at the silo to run blower or recutter.

**New Equipment**

IH 990 mower conditioner, 9' cut, new warranty, call for bargain price
IH #10 flail chopper, the right buy on this new machine
IH #400 cyclo corn planter, 6-row narrow, good late season buy
McCurdy dual wheels 16 x 38" clamps, hooks, eyes & handles
Gehl 8 ton running gear w/extendable hitch tongue, less tires, price $629
#45 Vibra Shank cultivator, 12½' width

MECKLEY/DALMATIA
Dalmatia 758-3021
758-6491

FARM EQUIPMENT

MF Massey Ferguson

**USED EQUIPMENT**

Farmall M Tractor
Farmall 300 Gas Tractor
Farmall 350 Gas Tractor
MF 65
JD A
JD 555 Plow
MF 35 Diesel Tractor
MF 81 Haytender
MF 300 Combine
MF 510 Combine
MF 72 Mower
MF 520 Disc
NH 68 Baler
Ontario Grain Drills
Ford 532 Baler with Thrower
Ford 8N Tractor
JD Grain Drill
IH 205 Combine
IH 46 Baler
Used Hay Tedders
Used Manure Spreaders

**NEW EQUIPMENT**

MF 205 Tractor
MF 230 Gas Tractor
MF Balers
MF 42 Mower
MF 428 Cultivator
MF 550 Combine
MF 750 Combine
MF 82 Plow
NI 177 Elevator
NI 212 Manure Spreader
NI 214 Manure Spreader
NI 402 Rake
Pittsburg Harrow
Snapper Lawn Equip.

**N.H. FLICKER & SONS, INC.**
Box 68
Maxatawny, PA 19538
215-683-7252

FARM EQUIPMENT

DEUTZ

MF 285 831 hrs $10,485
D9006 $9450
D9006 $7500
MF 1085D 1220 hr. $11,495
MC Deering W6 $1200
Cultivator-tractor, used 16 hp., elec. start, 3 spd., w/cultivator, $495.
New Papec Harvester with revolving stone knive grinder
Rebuilt Deutz F1L-712 Diesel 10 H.P. @ 1800 R.P.M. 6 mo. or 1000 hr. warranty. $1050.00 clutch $125.00 extra.
New Deutz F2L-912 diesel engines 20-32 H.P. electric start.
New Model Deutz F1L-511, one cylinder. 13 HP @ 2000 RPM. Elect. or Hand Starting.
Custom-Built diesel Gen-Sets made to customer order.
New 7.5 KW Deutz diesel powered generator set, on skid base w/fuel tank. Electric start. $2325.
2 New Deutz F1L - 210 diesels. 1500-3000 RPM, 8-14 h.p. with electric start & full tank. $900.
New & Used Deutz diesel engines at special prices. Call for details.

**STAUFFER DIESEL, INC.**
312 West Main Street
New Holland, PA
PHONE 717-354-4181

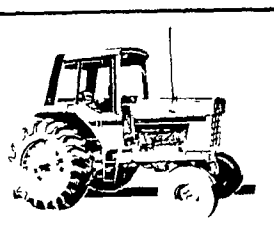
FARM EQUIPMENT

**FOR SALE**

Massey Ferguson 1085 Diesel tractor, 1200 hrs, dual hydraulic & multi-power.
Allis Chalmers 185 Diesel tractor, 435 hrs., front & rear weights
John Deere 2510 Diesel engine, completely rebuilt
John Deere 2010 Diesel tractor (SOLD) rabbit & turtle
John Deere 620-530-520 tractors, all w/3 pt. & power steering
Ford 4000 Gas S.O.S. real clean, front weights
Ford 8000 Diesel tractor, using in field
Ford NAA & loader, 8N
Farmall Cub & equipment, 140 & equipment, 656 Gas, 350 w/fast hitch
Int. 3500 backhoe & loader
Ford 4500 backhoe & loader
Ford 1800 Gas backhoe & loader, $3500
NH 469 Haybines, balers, mowers, harrows, corn planters & grain drills
New 165 bu. Gravity bins, $400 while they last
Woods rotary mowers & parts
Tractor parts for various models

**YORK CO. FARM & INDUSTRIAL EQUIP. CO.**
Emigsville, PA
4 mi. N. of York, PA
PH: 717-764-6412
Ask for Blain or Steve

FARM EQUIPMENT



**USED EQUIPMENT**

Farmall 806 diesel
Farmall 656 gas
Farmall 460 gas
Farmall 100
Farmall C w/cult.
240 utility
Ford 671 Select-o-shift

**USED COMBINES**

IH 205 combine with 13 ft. grain head & 2 row corn head
IH 80 combine pull type
IH 715D w/4 row corn head & 13 ft. grain head.
IH 815 w/345 gas V-8 engine, 4 row corn head & 13 ft. grain head.

**HAY EQUIPMENT**

2 IH 46T balers w/throwers
IH 440T baler w/thrower
IH 47W baler w/thrower
IH 55W baler w/eng. (C-60)
IH 46W baler
NH 78 baler
2 IH #10 bale throwers
IH 990 mower cond., 9 ft.

**NEW TRACTORS**

IH 384 diesel
IH 484 diesel
IH 584 diesel row crop
IH 684 diesel
IH 784 diesel
IH 784 diesel row crop
Farmall 986
Farmall 1086

**USED GRAIN DRILLS**

2 IH MF 16x7 grain drills

**USED FORAGE HARVESTERS**

IH 350 2/row crop unit
AC 720 w/row crop unit & hay pickup

**WM. HOBENSACK'S SONS**
1060 Greeley Ave.
Ivyland, PA
215-675-1610
215-343-2101

FARM EQUIPMENT

**TRACTORS**

| | |
|---|---|
| IH 450 | IH 424 |
| IH 350 | Oliver 1650 |
| IH 544 | JD 4010 |
| IH 340 | JD 2010 |
| IH 300 | JD 4030 |
| IH 606 | JD A |
| IH 806D | JD B |
| IH 504 | |

**MISC.**

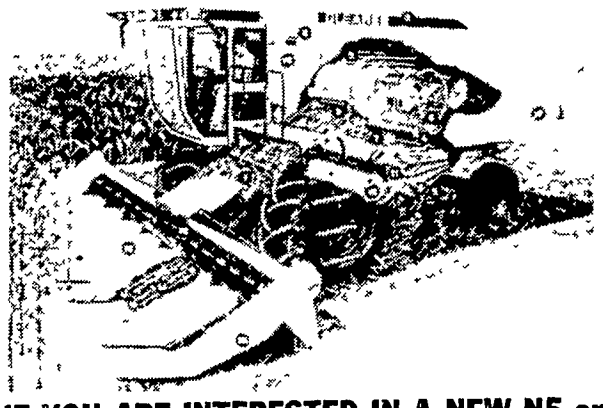
AC 6 row Air Planter
Fox Blower 52"
Hesston 30 Stacker
Hesston 30 Mower
Hesston Hydro Swing
IH Disc Harrow

**GRUMELLI FARM SERVICE**
Quarryville
Phone
717-786-7318

**FOR SALE**

1976 130-06 Deutz tractor, 130 hp., 540 & 1000 variable speed PTO, 6 cyl. air cooled diesel engine, 18.4x38 tires, full cab with heater, AM/FM, 3 pt. hitch, 2 auxiliary hyd. controls, 500 hrs., 8600 White Harvest Boss 6 cyl. Perkins diesel, 150 bu. grain tank, 15 ft. special grain head with pickup reel, 4 row corn head, straw chopper, full cab with 1 hp. electric motor, variable speed drive pulley and bale chute, 1973 479 NH 9 ft. haybine, 1973 hay rake, 5 bar side delivery, 1978 283 NH haybaler, high flotation tires, Super Sweep pickup and bale chute extension, 1974 John Bean boom sprayer, 200 gal. S.S. tank, 30 ft. boom, 3 pt. hitch mounted, 540 pto drive, 1974 400 Int. Cyclo planter with no-till attachment, corn and soybean drums and cyclo II monitor, 1974 5 ton JD hay wagon with deck and rack, 1974 8 ton NH hay wagon with deck and rack.

**609-825-0212**



**IF YOU ARE INTERESTED IN A NEW N5 or N6 ROTARY COMBINE PLACE YOUR ORDER NOW! No inventory. Only combines sold retail will be delivered to dealer.**

**New 7000 tractor, 106 h.p., with cab, heater, and air**
~~$19,995~~ **$18,995**

**NEW TILLAGE EQUIPMENT**

| | | | |
|---|---|---|---|
| 11' Transport Disc | ~~$1995~~ | ~~$1695~~ | $1795 |
| 13' Transport Disc | ~~$2799~~ | ~~$2699~~ | $2599 |
| 15' Transport Disc | ~~$3199~~ | ~~$3099~~ | $2999 |
| 17' Transport Fold Up Disc | ~~$3899~~ | ~~$3799~~ | $3699 |
| AC 5040 Tractor (Demo) | | | $5995 |
| 6B Semi-Mtd Plow | | | $2195 |
| 5B Semi-Mtd. Plow | | | $1995 |

**USED EQUIPMENT**

Ford 3000 $3200
Ford 901 w/culti. & side dresser $2495
AC WD 45 Diesel $1795
AC WD Gas WFE $795
AC WD w/cultivator $595
Farmall Cub w/cult. and side dresser $1595
Farmall Cub w/mott mower $1695
IHC 2414 front end loader
(5) Roxy Bonner Model GF Gang Mowers
(3) 3 pt. 2B Plows $200-$350
(4) 3 pt. 3B Plows $250-$425
Case 960 Combine $3200
MF 510D Combine $7900
JD 2-row 3 pt. corn planter
(1) 3 pt. Disc Harrow 6' $375
(2) Cub Cadet Mowers $695-$995
AC D-14 $1895
HD4 Crawler Loader $9500

**TOWNE TRACTOR**
ALLIS-CHALMERS
Highway 33, Freehold, NJ
201-431-3838

**C.J. WONSIDLER BROS.**

**TRACTORS**

IH 674 Diesel w/387 hrs., like new!
Farmall 1256 Diesel, only 2300 hrs.
Farmall 504 Diesel
Farmall 460 Diesel
Farmall C
IH Cub Lo-Boy 154 w/mower, like new!
JD 4020 Diesel
JD MT w/3 pt. hitch
White 4-180 w/only 600 hrs.
Oliver 1950-T Diesel
Oliver 1750 Diesel
Oliver 770
Oliver 88 Diesel
Oliver 77
Oliver Super 77 Diesel
MF 50
MF 35 w/loader
AC WD45

**COMBINES**

AC Gleaner E w/cab, grain & corn heads
AC Gleaner CII w/grain & corn heads
JD 45 w/grain & corn heads
JD 45 w/grain & corn heads, 1968

**COMBINES (con't)**

IH 815 w/cab, air & heat, 13' grain head, and 430 corn head
MF 82 w/grain & corn heads
Fox Self-propelled 2-row corn head & pickup

**HAY TOOLS**

IH 46 Baler w/thrower
Oliver Baler w/thrower
(2) NI Hay crushers
IH Hay crusher
AC 80 Series Mower for 160 tractor
(2) AC Sickle Bar Mower for Model B tractor
MC 7' Mower Conditioner
IH 816 Mower Conditioner

**OTHER EQUIPMENT**

NI 4-row Flail Chopper
(2) JD 13' Disc
AC 12' Disc, rebuilt
McCormick 12 Boot Drill
NI 218 Manure Spreader w/end gate, excellent condition.

**YOU CAN SAVE HUNDREDS OF DOLLARS ON YOUR NEW AC 600 NO-TIL PLANTER.**

**We have 4 and 6 row planters in stock.**
**AIR CHAMP or PLATE TYPE**

**"Be Sure To Call Us Before You Buy Your Next Planter!"**

Trumbauersville to Finland Rd., Quakertown, PA
CALL (215) 536-1935, 536-7523 or 767-7611 (New Tripoli)

**SPECIAL**

**Wanted, a New Home for an AC 185 diesel, good condition.**
~~$7900~~ ~~$7500~~ **$7,300**
(30 day guarantee optional)
(Price will be reduced every week till sold)

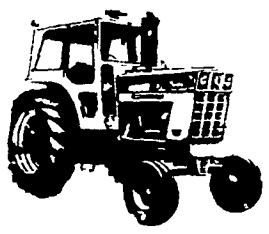
**Farmall 656 Diesel**
**WF, 3 pt., PTO**
**$3000**

**LATE ARRIVAL**
**JD 1240 Plateless Planter w/dry fert., insecticide, disc openers & minimum till coulters.**
**$1500**

IH 404 w/loader
MF 1085 diesel w/cab
Deutz 6006 4 wheel drive w/ldr
Int 674 diesel
Oliver 1550 diesel
Farmall 560 diesel
Ford NAA
Ford 8N
Ferguson 135 w/PS
AC G w/hydraulic cultivator
Farmall 656 diesel hydro
Ford 4000
Ford 5000
AC D12
Int 440 baler w/thrower
JD 1209 haybine
Gehl 115 grinder mixer
McCormick 82 combine
JD 3020 diesel
JD 2030 diesel
Oliver 516 cushion trip semi plow
MF 82 combine
AC 185 diesel
Farmall A w/cultivator
JD 4020 side console diesel
Case 830 Comfort King diesel
Case 1370, powershift

**ELMER GOCKLEY**
Reinholds, RD 1
215-267-3281

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT



# USED EQUIPMENT

856 Farmall Tractor w/1600 original hours.
705 Dsl. Uni Tractor, 1000 hrs. w/super chopper or 729A sheller or 710 combine
IHC 4-row 3 pt. hitch Rotary hoe
Case 930 Comfort King, Standard Tread.
Case 930 Standard with cab
Farmall 656 Hydro Dsl.
New Red Seat 986 International cab & air, $20,500.00. What Would (SOLD) Give?
IH 86 Hydro w/38 hrs.
JD 820 2 cyl. Diesel
JD G Tractor
John Deere 7' Trailer Rotary Mower
12' Spring Harrow
IHC 4-row Cultivator
JD 4400 Gas Combine w/13' table. $13,750
MF 300 quick tach combine w/corn head and grain platform, real nice
Gleaner K Combine
NI Wide row pull picker w/8 roll bed
Lots of Front and Rear IH Weights
New Duals for any make available in 1 day's notice.

**RAYMOND B. LEAMAN**
Willow Street RD 1, Ph: Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros Garage, Refton

## NEW EQUIPMENT

**TRACTORS**
4440 quad range
2640 2240

**SPREADERS**
JD 680 NH 519
JD 660 NH 513
NH 791 NH 213

**TILLAGE**
JD 111 Disk
JD 310 Disk
JD 350 4-b. plow

**HAY TOOLS**
NH 489 Haybines
NH 488 Haybines
NH 478 Haybines
NH 310 Balers
NH 320 Balers
NH 256 Rakes
JD 1209 Mower Conditioner
JD 336 Balers
JD 660 Rakes

## USED EQUIPMENT

**TRACTORS**
JD 3010 gas
JD 60 gas, good
MF 1100D
MF 1085D
Ford 2600D

**HAY TOOLS**
JD 336 Baler, like new
JD 14T Balers
NH 1495 Haybine, like new
NH 495 Haybine
NH 469 Haybine
NH 461 Haybine
NH 467 7' Haybine
NH 269 Baler

**COMBINES**
NH 895, 4-RW head, 13' grain platform

**TILLAGE TOOLS**
JD 16' Rotary Hoe
JD 12' Roller Harrow
Dunham 14' Roller Harrow
Oliver 16' Field Cultivator
JD 10' transport harrow
JD AW Disk
Oliver Transport Disk

**SPREADERS**
New Idea 214
JD 44
NI 510

**HARVESTERS**
Fox Super D w/cab, 3 R narrow & pickup
NH S717
NH 717
JD 38
JD 35
JD 3800

**SPECIAL SALE ON FORAGE BOXES**
16' Box, 2 Beaters . $1925
16' Box, 3 Beaters & roof . $2565
10 Ton Wagon, adj tongue, 11Lx15 tires . . . . . $835
These Boxes are variable speed control

**PARTS: 717-354-4191**
**SALES: 717-354-4731**
**SERVICE: 717-354-8004**

# A. B. C. GROFF INC.

SINCE 1890
110 S. RAILROAD AVE.
NEW HOLLAND, PA.

## NEW EQUIPMENT SPECIALS

| LONG | CASH PRICE |
|---|---|
| 560 Tractor w/Roll Bar & 1528 loader | $8500 |
| 958 Disc Harrow 9 2" plus furrow fillers | 1675 |
| 953 Disc Harrow 6'6' 3 pt hitch | 550 |
| **NEW HOLLAND** | |
| 495 Mower Conditioner w/transport attach | 5500 |
| 58 Bale Thrower for 320 baler | 950 |
| 80 Bale Mover w/push off attch | 425 |
| 25 Forage Blower | 975 |
| 513 Spreader w/pan | 2400 |
| 519 Spreader w/hyd end gate | 3200 |
| **JOHN DEERE** | |
| 34 Spreader w/18" cyl btr | 1900 |
| 40 Spreader w/18" cyl btr | 2200 |
| 35 Forage Harvester, 540 PTO, w/5½ ft pk up | 5750 |
| 714 Forage Box 3rd Btr & Roof | 3750 |
| 716 Forage Box 3rd Btr & Roof | 4150 |
| 143 Loader for 820, 830 or 2040 tractor, w/6' buckets & stand | 1500 |
| RM 4 cultivator w/quick return shanks, | 1900 |
| 45 Rear Blade, 7' | 275 |
| **CENTURY** | |
| 200 Gal Sprayer, 8 row boom, 8 roller pump agitator | 1250 |
| **USED EQUIPMENT** | |
| JD 494A Planter w/Insect Attach | 1200 |
| (2) JD 494 A Planter | 550, 750 |
| JD 494 Plate Planter | 850 |
| NH 790 Spreader w/end gate | 2500 |
| JD RG4 Cultivator | 750 |
| AC 444 Baler w/thrower | 1850 |
| IHC 56 Wire Baler | 600 |
| IHC 990 Mower Conditioner | 1600 |
| AC 390 Mower Conditioner | 1500 |

FREE FINANCING ON SOME ITEMS

**I. G. SALES**
Silverdale, PA 18962 215-257-5135

SPERRY NEW HOLLAND DeLAVAL JAMESWAY Quonset Buildings

**BALE BODIES**
**8' x 18' and 8' x 21' - ID HEAVY STEEL SIDES, FRONT SIDE AND REAR UNLOADING.**
Call for Price.

**TRACTORS**
JD 4520 Dsl. w/cab
JD 40 (SOLD)
JD 4020 Dsl w/RG cab
JD 3020 Dsl.
JD 820D 3 cyl.
IH 80 (SOLD) y nice
IH 706 D, WFE
IH 706 Ger. Dsl.
IH 674D
IH 130 w/mower
Ford 9000D w/cab

**HARVESTERS**
MF 200 w/2-row row crop
Gehl CB 600, 2-row row crop
Above machines have electric sharpeners.
IH 650 2-row row crop
JD 34 (SOLD) w crop
IH direct cut mower bar, fits IH 550 & 650 series Harvesters
Hay pickups available.

**DISCS**
JD BWF, 18' & 19' wing
JD BWA, AW, 12'6" 13'10"
JD TWA Plowing Disc
JD Offset Disc

**HAYBINES**
Owatonna 208 Hay Master
NI 290
NH 469

**PLOWS**
JD 4 & 5 B semi-mtd
JD 3 & 5 B Auto reset
IHC 4 & 5 B semi-mtd
IH 710 5B Spring reset
Oliver 5 B semi-mtd.
JD 360 Hyd. reset 6B on-land hitch

**COMBINES**
(New) Gleaner F Diesel w/air, 13' pickup reel platform
Gleaner E, 10' grain platform & 2-row corn head.
Gleaner K w/cab & 10' grain platform
MF Super 35 SP, 8' Platform very nice
IH 715 hydro w/grain platform (SOLD) & 4-row wide corn head
IH 205 w/ (SOLD) & grain head (SOLD)
JD 4400 D w/grain platform & 4-row narrow corn head, ex. cond.
JD 4400 Gas w/grain platform, very nice
NI 701 Uni 710 combine, 13' platform, 723 2-row C.H

**BALERS**
JD 346 twine w/#30 thrower
JD 24T w/#30 thrower
JD 336 w/#30 thrower
NH 276 w/thrower
NH 268

**EQUIPMENT**
John Blue 350 Gal Sprayer, ground driven piston pump
Brillion Alfalfa Seeder, 10 ft Transport Type (new)
NH 354 Grinder Mixer - Like New!
NH 1010 Bale Wagon
JD 640 Rake w/front wheel

**GUNTHER HEUSSMAN INC.**
So. 5th St , Emmaus, Pa 18049
215-965-5203

**FOR SALE**

**Tractors**
400 Diesel w/plow, fully equipped w/new paint
Ford Jubilee w/2 bottom 14" plow
Farmall H
IH 460 gas

**Combines**
IH 91 8 ft. combine
Massey 510 diesel, 2 heads
Gleaner F gas, 2 heads
Gleaner A, 2 heads
MF 82 combine w/10 ft. & p.s.

**Miscellaneous**
IH 455 4 Row Planter - $400
IH 495 4 Row Planter - $485
JD 292 Row Planter - $135
NH 510 Spreaders - $500
2 - Tank Spreaders $375, $475
Massey 10 Baler $675
NH Chop Mill $695
AC 707 Harvester
IH 2PR Picker 2 Row Pull Type $1500
NH 430 baler less than 2000 bales
IH 1 PR picker
Oliver picker, 2 row
Woods picker, 1 row
Ford 3 pt. picker
NH 7 picker
Sauder loader
Sauder snow blade
IH 55 harvester w/2-row $650
NH 269 baler w/thrower
JD 707 4 row rotary cutter
MH 36 flail chopper, reconditioned
Oliver 12 ft. wheel disc
300 gal. spreader
Wheel disks
Plows
Haybines from $300-$3000
NH 479
NH 469
Ford 535
2 NI

**Tractors For Parts**
(5) Farmall M gas & diesel
(4) Farmall H, Super, C, F14, Ford 860
D17 Allis
3 Oliver 70, Vac Case
Ford 8N rear end, wheels & tires most sizes
WD Allis
SC Case
Ford 8N

**Tractors (con't)**
JD 60 w/live PTO
1952 JD B
IH Super H
IH 300 w/fast hitch
JD A
JD 50

**Pickers For Parts**
New Idea 305, No. 7 AC
IH 2 MH, 2 ME, 1 PR
JD 226, 227, GI, Woods
Ford 2 row mtd. 3 pt.

**Combines For Parts**
Gleaner CII, pull type. Massey 82, 92, 80, 90, 26, 27, 35. Clipper, IH 303, 151, 101, 125, 127, 52, 76, 64. Ford Sp & Pull type, Woods, Oliver, Clazy, SP, Case, AC, IH 203 combine engine will fit 504 tractor, Gleaner A combine, IH 91.

**KEITER'S FARM MACHINERY**
R.D #1 Halifax, PA 17032 Rt 225 20 mi. from Hbg
Phone. 717-362-9574 or 362-9096

NEW IDEA OMC SUNFLOWER LELY ECHO Badger WALSH FOX BRADY

**FOX 3000 FORAGE HARVESTER w/electric knife grinder, hay pickup and 2-row narrow corn head, excellent condition.**

| | |
|---|---|
| **FOX 2000 FORAGE HARVESTER w/elec. knife grinder, hay pickup, 2-row corn head. "Ready to cut Hay!"** | **FOX SUPER 1000 FORAGE HARVESTER w/elec. knife grinder, hay pickup, 2 row corn head.** |
| **IHC 550 FORAGE HARVESTER w/new knives hay pickup, 2 row corn head.** | **NH 818 FORAGE HARVESTER w/hay pickup, 1 row corn head and cutter bar head.** |

Case 530 Tractor
IHC 460
IHC H & M
656 IHC Farmall
IHC B 275D w/loader
IHC Super A w/1 pt. hitch
OMC 330 Skid Loader
Bush Hog 11' HD Disc
IHC 2-row Planter
IHC 4-row Planter w/Gandy
IHC 440 Baler A-1 Cond
NH 268 Baler w/thrower
IHC 37 Baler w/thrower
IHC 225 10' self-propelled Windrower, A-1 cond.
IHC 990 9' Windrower
IHC 203 Combine, Platform & Cornhead
JD 30 Combine
Oliver 17 Combine
Case 555 9' Windrower
Case 550 9' Windrower
Hesston PT10 9' Windrower
IHC 2A Hay Crusher
IHC #8 Flail Chopper
IHC 56 Blower
KB 54 Kools Blower
300 Gal. Walsh Sprayer
910 Gehl 16' Fg. Box, 3 btr. & roof w/11 ton running gr.
950 Badger 16' Fg. Box, 3 btr. & roof w/10 ton tandem axle running gr.
5000 Cobey 16' Fg. Box, 2 btr. & roof w/16 ton running gr.
NI 702 Uni
NI 717 Combine
NI 710 Combine
NI 4-Row Heads
NI 11' Platform

**2% Cash Discount on All Parts**
The Place to Buy New and Used Equipment.

**CHAMBERSBURG FARM SERVICE, INC.**
975 S. Main St., Chambersburg, PA
Phone: 717-264-3533

FARM EQUIPMENT

**Used Equipment For Sale**

1700 Owatonna Skid Loader with Backhoe - Good Condition
1737 Case Skid Loader with Bucket and Manure Fork - Like new
A.C. 655 Crawler Loader
A.C. 170 Diesel Tractor
A C. WD Tractor - Good Condition - New Tires
8N Ford Tractor - Good Condition - Priced Right
9N Ford Tractor - Good Condition
John Deere 14T Baler
IH Disc Drag Type 8 Foot Cut
New Forage Boxes

**Aumiller's Sales and Service**
Box 63 R D #1
Milroy, PA
17063
Phone 717-667-2115

FARM EQUIPMENT

**TRACTORS**

AC 185 Diesel
CASE 530 Gas
CASE 1030 Diesel
DAVID BROWN 1212
FORD 5000, 8 speed Gas
FORD 8000, Diesel
FARMALL H
INTERNATIONAL 606
FARMALL 706 Gas

**EQUIPMENT**

NH 770 Chopper w/pickup and 1 row corn heads
INT. 4 btm fully mounted plow
J D Model F145 five btm. plow

CLOSED SUNDAYS

**NORMAN R. SHORES & SON**
R.D. 5, Towanda, PA
717-265-9014

FARM EQUIPMENT

## NEW EQUIPMENT

Pittsburgh spring harrows, 9'; $480, 10' $505.
Farm Bilt wagons, 6 ton $365; 8 ton $420.
Zimmerman elevators, 28' $895; 32' $975, 36' $1125.
MC rotary scythe
Hesston 1090 windrower
Hesston 1070 windrower
Hesston 2000-100 forage harvester
New & Used Wisc. engines

## USED EQUIPMENT

NI 323 corn picker, picked 35 ac.. ..... $3300
NH 315 Baler w/#70 thrower Baled 3000 Bales .... $5900
NI cut-ditioner..... ..... $1300
NI side delivery rake . ..... .. ..... $200
Hobart welder
NI crimper.... . . ... ..... .... . . .. $400
NH 455 mower, pull type ... ..... ..... ... $725
AC 140S manure spreader . .... ..... ..... $750
JD 32 hay conditiner (nice).... ..... $450
Oliver 2 bottom trailer plow, hyd. lift ..... $250
NI 323 picker ..... $2700
MC Chopper (2) ..... .... ....$695-$495
MC rotary scythe (2).... ..... $650-$1450
NH 54A bale thrower ..... ..... $450
NH rake, excellent . ..... ..... $1150

## TRACTORS

| | |
|---|---|
| IH 400 | $1700 |
| 500 Case standard | |
| D17 AC series IV, ex , PS | $3700 |
| Farmall A & plow | $1400 |

**MILLER'S REPAIR**
RD 1
Bird-in-Hand, PA
717-656-9013

FARM EQUIPMENT

## Waiver of finance charges offered on all used 4WD's

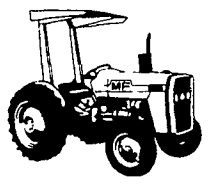
If you buy a used 4-wheel drive tractor of *any make* from a Case dealer, he'll waive finance charges through October 31, 1979

## Assured Availability offer

If you buy a used Case 2470, 2670 or 2870 tractor, you will be provided with Assured Availability through December 31, 1979

Both offers good on purchases made from May 1, 1979 through June 29, 1979 See your participating Case dealer for details

case



MF Massey Ferguson

## TRACTORS & EQUIPMENT

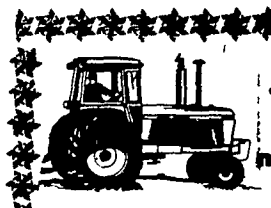
MF 12 Tractor & Mower
MF 1085 Tractor w/cab & air
AC D17 Tractor
MF 275 Tractor
MF 160 Spreader
NH 512 Spreader
NH 510 Spreader
NH 676 Spreader w/top btr
JD 490 4 row Pull Type Corn Planter
Oliver 11' Transport Disc Harrow
Brillion MD 164 13'8" pulvimulcher
Brillion 12' field cultivator
NH #8 Crop Carrier w/third btr , cover, & #238 wagon
NH #8 Crop Carrier w/#238 Wagon
NH 451 Mower
Mott 3 pt 72" mower
Howard HA50 Rotovator
Ariens 14 h p hydrostatic Tractor w/mower

## NEW M.F. EQUIPMENT

MF 750 diesel Combine w/14' table
MF 1085 Tractor w/cab & M P
MF 2745 Tractor
MF 230 Diesel Tractor
MF 210 Tractor
MF 620 Disc Harrow 14 ft
MF 520 Disc Harrow 12 ft
MF 25 Disc Harrow 6½'
MF 58 Rotary Cutter
MF 110 Spreader
MF 130 Spreader
MF 160 Spreader
MF 227 Scraper Blade
MF 226 Scraper Blade
MF 530 Blade
MF 2675 Tractor
MF 245 Tractor
MF 30 B Tractor w/34A Ldr

**S.G. LEWIS & SON, INC.**
R.D. 2 Box 66 West Grove, PA
215-869-2214

FARM EQUIPMENT



John Deere design, dependability, and dealers make the difference

JOHN DEERE

**USED EQUIPMENT**

**TRACTORS**

JD 4430 Diesel, 4-P, Quad
JD 4430 diesel, cab, air & quad
JD 4020 diesel, SR, cab & heater, WFE
JD 3010 deisel, RC
JD 2510 Gas
JD 50 w/cultivators
IHC 1586 Cab, air, duals, 600 hrs

**COMBINES**

JD 7700 Dsl , cab, air, 15' plat , 6 row N
IHC 815 Dsl 13' plat , 4 R W
JD 45, 10' plat

**SPREADERS ON SPECIAL**

JD 54
JD 33
NI 213 165 bu
NI 214 195 bu
Cobey 195 bu

**USED FORAGE HARVESTER**

SP Field Queen w/3 RN, 2 RW & hay pickup
3800 JD pull type, 2 RN, hay pickup

**DISC HARROWS**

JD used AW 28 wheel type disc
JD 3 KBA 28 regulars
JD KBA 28 transport
JD 7802 offset 20 blade

**CORN PLANTERS**

JD 1240 4-row
JD 494 4-row
JD 1440 4-row, no till
AC 6-row 30" series 600 no till liq fert & insect attach
JD 1250 6-row

**MISCELLANEOUS USED EQUIPMENT**

9, 10 & 12' spring harrows
10' EZ Flow fert dist
14' Gandy chemical applicator
12 & 14' JD roller harrows
9-13' pulverizers

SEE US FOR WAIVER OF FINANCE CHARGES ON HAY & FORAGE EQUIP.,

**LANDIS BROS., INC.**
1305 Manheim Pike
Lancaster, PA 17601
717-291-1046

**M & R EQUIPMENT, INC.**
New Park, PA
4 mi. S. of Stewartstown, PA
Ph: 717-993-2511

- Red Lion, York, Brogue, Loganville -
Ph: 246-1972
Residence 301-452-8693 after 6 P.M.

1086
131 4 PTO hp

THE WEATHER HAS BEEN GREAT! AND SO ARE OUR

986
105 6 PTO hp

**NEW EQUIPMENT SPECIALS!**

| | |
|---|---|
| IH 315 Packer Mulcher 12'4 -w/hyd cyl HOSES— $3500 | IH 56 Planter 4-row double disc dry fert Jack disc coverers only one left $3100 |
| IH 241 rollbaler demo 10 acres — $5195 | Red Power 1086 special edition cab air difflock |
| IH 7 Trailing Chisel hi clean $1550 | IH 370 disc 11 6 cushion hitch 7½ spacing $2200 |

**OTHER NEW EQUIPMENT IN STOCK**

IH 1460 Combine w/Autc. Header Control, shaft monitor

1086 Tractors cab air difflock
986 cab air difflock
886 cab air difflock
(2) 686 Diesels
584 row crop
84 hydro tractor
IH 540 Spreader $2300
IH 56 Blowers
IH 6 row Cyclo w/Liq Fert no-till
510 18x7 combination drill
720 Forage Harvester
IH 510 4x16 plow
IH 720 plow 5x20
IH 10 trailing 55 chisel
830 Forage Harvester
IH 445 baler w/hyd bale tension
IH 435 baler w/hyd bale tension
IH 7 Trailing Chisel
1190 Mower Conditioner

**USED EQUIPMENT**

IH 450 diesel
TO 30 Ferguson 3 pt
Ford 8N 3 pt
Cub w/equipment
(2) 550 IH forage harvesters
JD 34 harvester w/1 row head hay pickup
(2) 990 mower conditioners
IH 700 plow 5 x 16 auto reset
JD 3 pt hitch plow 3 x 16
IH 550 plow 5 x 16
JD 1300 chisel like new
JD 8 offset disc
IH 400 cyclo liq fert monitor no-till $2900
MF 4 row planter like new
2 row mtd JD planter
2 row mtd IH planter
249 IH pull type planter excell
IH 455 planter 4 row
Century 300 gal trailing sprayer excellent
200 gal Huskee sprayer
IH 56 blower
IH 130 spreader new web
NI 214 spreader hyd endgate
Used garden tractors
IH 370 disc 14 nice
JD 12 disc F filler nice

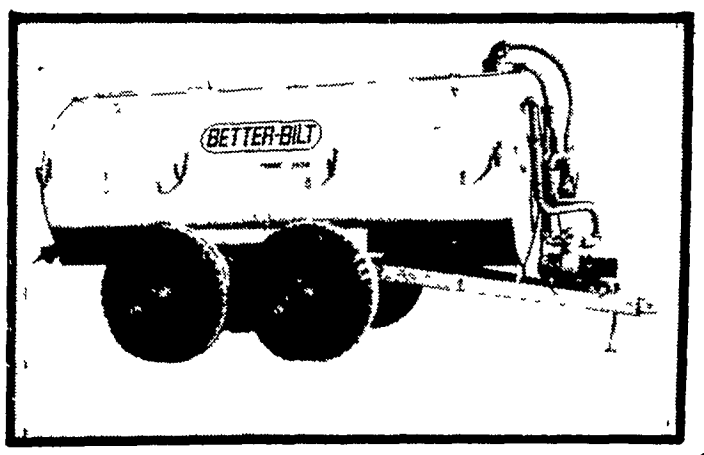
# BRICKERVILLE EQUIPMENT

Lester Boll, Prop.
**RD 1 Lititz, Pa., ½ mile East of Brickerville on Rt. 322** **717-626-6198**

## BUY "BETTER-BILT" EQUIPMENT WHY? IT'S "BILT-BETTER"

**NEW SPREADERS IN STOCK**
800's
THRU
3100's

CALL FOR PRICE




**Call Us For Your Needs Of**

- FARROWING CRATES
- LAGOON PUMPS
- HIGH PRESSURE PUMPS

**NEW HOG SLATS**
24" x 96", 7" Top
24" x 120", 7" Top

We believe in being competitive.
Call and give us a try.

★ SALES ★ SERVICE ★ PARTS

Edwin N. Kurtz, RD 1 Ephrata, 717-733-8193, Better-Bilt Distributor

FARM EQUIPMENT

SPERRY NEW HOLLAND

**USED EQUIPMENT**
NH 717 Harvester w/PU & Corn Head
NH Elevators
Hesston PT10 Haybine
NH 1469 Self-Propelled Haybine

**USED TRACTORS**
Farmall C w/belly mower
Farmall M

**NEW EQUIPMENT**

**NEW HOLLAND MANURE SPREADERS**

AC 2600 16' Disc
Bale King Hay Wagons
NH L-35 Skid Loader
Hub Tool Elevators formerly N.H.

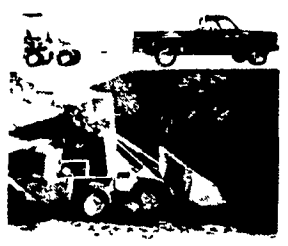
**NEW TRACTORS**
AC 7045 AC 7020
AC 5050

**NEW YANMAR 2 Cyl Diesel Tractors In Stock**

**BHM FARM EQUIPMENT INC.**
**RD1, Annville, PA**
**717-867-2211**

FARM EQUIPMENT

**SWINGER**



It'll only take you a couple of minutes behind the wheel to realize what a great investment Swinger could be for you, for the unique Swinger has more common sense features than any other loader on the market today Features like 40 degree articulated steering, 20 degree front rear frame oscillation walk thru operator s compartment 4 wheel hydrostatic drive and a water cooled engine To top it off it is one of the safest and simplest loaders to operation

Towable Between Farms
Easy Maintenance
3 Point Hitch and other options available
Long Life

**Make an appointment today There are three great models to choose from**

**SUBURBAN RENTALS & SALES INC.**
**1115C Maugans Ave.**
**Hagerstown, Md. 21740**
**Ph: 301-791-2143**
**Toll Free**
**Outside Md.**
**800-638-3660**

FARM EQUIPMENT

**N & M SILOS**

## Can Still Build For Haylage

**The company from Perry County who manufacture & build their own silos, using the best in materials & experienced crew. To satisfy customers plus insures quality built silos. (Staves are wet cast & vibrated concrete).**

**Dealer For P&D Unloaders & Equipment**

**NEGLEY & MILLER SILOS**

**Plant: Rt. 1, Box 93,**
**Shermans Dale, PA 17090**
**Ph: 717-582-4108**
**Sales: Rose Pollock**
**Home Ph: 717-834-4838**

FARM EQUIPMENT

**TRACTORS**
72-John Deere 4320 w/Roll Guard
68-John Deere 4020 Power Shift, new paint, wide front
75-John Deere 2630 w/Cozy Cab A-1
Oliver 1650 ds. wide front rebuilt
John Deere 630, like new-3 pt.
John Deere 620 w/3 pt.
3-John Deere A Tractors, late ones
John Deere 2010 dsl. wide front

**COMBINES**
IHC 615 w/grain & Corn Heads
IHC 303 w/grain & Corn Heads

**CORN HEADS**
JD 1250-6 row narrow plateless
MF 6 row plate w/insecticide

JOHN DEERE

**WINELAND EQUIP. INC.**

**RD 2 MARTINSBURG, PA. 16662**

**(Phone 814-793-2109)**

FIELD QUEEN FORAGE HARVESTERS

HESSTON FARM EQUIPMENT

SPECIAL

**JUST TRADED...LIKE NEW**
**1979 John Deere 7000 Conservation Corn Planter, 6-Row, with liquid fert. & Insect. Attchs., and monitor.**

**Field Queen Side Dump Now Standard Equip. ~~257 H.P Detroit~~**
**7650, 257 H.P. Detroit & 7600, 210 H.P. Cat Engine**
**Both above units available w/4-wheel drive & 4 row corn head**

**JUST TRADED**
1974 Field Queen Side Dump
1976 Field Queen Standard w/air cond. & knife grinder
(1) ~~(2)~~ 1972 Field Queen Standard knife grinder, hay head & corn head

**FORAGE EQUIPMENT**
AC 4-row snapper head
1975 Max II Fox, V671 Det Eng., 4 wheel drive, 3-row corn-head, hay & flail heads
1970 Nl w/ 19/8 3-Row W/N corn head & hay head
(3) NH SP 1880's w/3-row corn heads
Fox Max I, Fox Max II
Fox Super D, Fox SP Gas with heads

**FRANK WALTERS**
717-392-7795
Res. 717-733-3665

- **6610 SP Windrower w/Perkins Diesel Power**
- **1014 Hydro-Swing PT Windrow**
- **1090 PT Mower-Conditioner**

**JUST TRADED**
HESSTON
6400 SP Windrower w/10' head (SOLD)
HESSTON
420 SP Windrower gas engine w/10' head (SOLD)
HESSTON
600 SP Windrower w/12' head
JOHN DEERE
78 SP Windrower
HESSTON
Stakhand 10
HESSTON
PT 10 Mower Conditioner
Gehl CB 600 2-row corn head & hay hd
2 JD 3800's w/heads
2-JD 38's w/heads
2-Badger Dual Wheel Wagons
Gehl Dump Wagon, like new

**LARRY SCHREIBER**
717-569-8756
Res. 717-569-0705

**SPRING SALE OR LEASING ON FIELD QUEENS AND HESSTON HAYING OR FORAGE EQUIPMENT CALL FOR DETAILS**
**LARGEST RETAIL FORAGE HARVESTER OUTLET IN THE NORTH EAST UNITED STATES.**

**HESSTON CORPORATION**

**Hesston Sales & Service Center**
**1190 Enterprise Road/East Petersburg, PA 17520**
**Telephone 717-392-7795**

## INTERNATIONAL AGRICULTURAL EQUIPMENT

**SPECIAL**
**IH 475 20'6" DISC HARROW W/NEW TIRES, DUAL WHEELS**
**$5250**

### USED TRACTORS

| | |
|---|---|
| JD 4020 diesel w/new engine | $10,000 |
| IH F-966 D w/4 poster rops | 13,000 |
| IH F-706 D w/new TA. | 7,500 |
| IH F-350 D w/2 pt overhauled | 2,900 |
| IH Farmall BN w/cultivators | Coming In |
| JDMT w/cultivators | Coming In |

### USED CORN PLANTERS & DRILLS

| | |
|---|---|
| IH 449A w/gandys | 700 |
| Ford 4-row w/insecticides | 1,150 |
| (2) JD 494 4-row planters | 950 |
| Oliver 18 x 7 SD drill | 1,600 |

### DISKS

| | |
|---|---|
| IH 470 16' | 2,500 |
| MF 3 pt 10' | 600 |
| JD 12' Harrow | 200 |

### MISCELLANEOUS EQUIPMENT

| | |
|---|---|
| IH 155 Spreader | 900 |
| NH 210 Spreader | 300 |

### USED HAY & FORAGE EQUIPMENT

| | |
|---|---|
| Gehl harvester, 1 row head & pickup head | 600 |
| NH 717 harvester w/2-row head | 1,150 |
| IH 650 harvester w/2 heads | 3,300 |
| IH 650 harvester w/2 heads | 2,700 |
| IH No 7 flail chopper, 6' | 1,250 |
| Gehl #48 blower | 400 |
| IH 37 baler | 1,350 |
| IH 46 baler | 900 |
| IH 27 baler w/thrower | 1,875 |
| IH 990 Mower Conditioner | 2,650 |
| IH 201 Windrower | 1,500 |
| Gehl CB 600 w/2-row head & pickup head | 2,800 |
| IH 110 side mount mower | 150 |

### USED PLOWS

| | |
|---|---|
| Oliver 3 btm mtd 3 pt 16" | 550 |

**MIFFLINBURG FARM SUPPLY, INC.**
**East Chestnut St., Mifflinburg, PA 17844**
**Phone: (717) 966-3114**

JOHN DEERE — *Nothing runs like a Deere*

**THIS WEEK'S SPECIAL**
**DEMO**
**890 NEW HOLLAND FORAGE HARVESTER w/Hay Pickup and 3-row N Corn Head**
**$10,810**
Free Finance Till Oct. 1, 1979

**USED FARM EQUIPMENT**
JD 4020 WF 1968
JD 3020, 1970
JD 3020, 1968
JD 730 Dsl.
JD 70 Dsl. WF
Farmall 560
Farmall 400 Diesel
MM 5-Star
Oliver 770
JD 38 Forage Harvester
JD 34 1-row Fg. Harvester
NH 717 Harvester
Fox 2000 Harvester
NI Pull Type Picker Sheller, 2-rows
JD 14T Baler
JD 24T Baler w/#30 ejector
JD 24T Baler
JD 224 Baler
JD 336 Baler
NH 271 Baler
NH 269 Baler
IH 46 Baler w/thrower
NH 1469 SP Haybine
NH 469 Haybine
JD 1209 Mower Conditioner
Hesston 500 SP Mower Conditioner
Hesston PT 10 Mower Conditioner
Owatonna 9' Mower Conditioner
JD 4400 Combine w/corn & grain heads
JD 1240 & 290 Corn Planters
JD 7000 Conserv. 6-R corn planter w/liq. fert.
JD 494 w/insecticide
NH 27 Blower
JD 125 16" 4B Plow
IH 2 pt. 3B Plow
16' Lever Harrow

**NEW FARM EQUIPMENT**
JD 2840 Tractor
JD 2640 Tractor
JD 2240 Tractor
JD 7000 Corn Planter, narrow row
JD 1209 Mower Conditioner
JD 16A Flail Chopper
NH 38 Flail Chopper
JD 1600 Chisel Plow
NH 707, 770 & 890 Harvester
JD 3800 Forage Harvesters
JD 5440 & 5460 SP Fg. Harvesters
JD 200 Stack Wagon & Mover
NH 1-R Snapper Head
JD 336 & 346 Balers
NH 310, 315 & 320 Balers
NH 478, 495 Haybines
NH 1495 Haybine, self-propelled
Tye No-Till Seeder
JD Rotary Hoe
Bobcat Skid Steer Loaders 610, 722
NH L-425 & 445D Skid Loaders
JD 125 Diesel Skid Loader
JD Manure Spreaders 40, 54, 660, 680, & 790 Flail
Glencoe Soil Savers
Athens Disc Harrows
EZ Trail Wagons
EZ Flow Forage Boxes
Martin Manure Spreader
NH 346 Spreader
15 HP 3 phase elec. Motor

**CLUGSTON IMPLEMENT, Inc.**
**1 Block off I-81 Exit 8**
**Chambersburg, PA 17201 Phone: 717-263-4103**

bobcat

SPERRY NEW HOLLAND

CASH & CARRY

# NEW & USED TRACTORS & EQUIPMENT SPECIALS

**Notice: This List Changes Weekly. Check For New Additions.**

### DUAL WHEELS IN STOCK

| | |
|---|---|
| Gehl FB 99 Blower, used | $1185 |
| 1977 Ford LTD station wagon, air, needs a little fender work, light blue | 2500 |
| New Holland Model 818 Harvester w/2 row header | as is 600 |
| New 15 ft Rotary Hoe, 3 pt hookup, in stock | 1900 |
| New Case 1830, 30 h p Uni Loader w/10 00x16 5 flotation tires, 60" quick attach utility bucket | 9385 |
| New Donohue 7x28 Implement Carrier, axle | 1 only 1730 |
| Gleaner Model CII Combine w/diesel engine, Model 440 4-row corn head, plates in for shelling, 12 ft hume grain reel | 8200 |
| Ford 12 ft Transport Disk Harrow | 1585 |
| Sauder Loader w/material scoop | 189 |
| Simplicity 14 h p Riding Mower w/42" mower, front dozer blade, hydrostatic drive | 1089 |
| John Deere Model 110 Riding Mower | 650 |
| 970D Tractor, no cab, PS, 18 4x38 rear tires, 900 hrs , 1976 Model | 11,900 |
| 3 pt hitch Log Splitter w/cylinder | 350 |
| Kim Post Hole Digger w/9" auger | 225 |
| Athens Model 131 Disk Harrow, 28 blade, 11 ft , used 70 acres, Rockflex | 3200 |
| New 12 ft H D Rhino Athens offset Disk Harrow | |
| (2) 12x36 power adjust Rims | ea. 5800 |
| Rims to fit 8N Ford Tractor or similar, Models in Stock - 10x28 9x28 | ea. 63.50 |
| New 3 pt hitch Bale Carriers, 1500 lb capacity, in stock | 225 |
| Case 970 diesel Tractor, power shift, 18 4x38 tires, yellow paint | 9900 |
| (1) Case 770 power shift diesel Tractors, 65 HP | 6900 |
| Oliver 1600 gas tricycle tractor w/2 speed shift, overhauled 261 hrs ago | 3900 |
| Oliver 1950 T Model with cab, 2 speed shift | 9800 |
| John Deere 12' Spring Harrow | 385 |
| John Deere 20 hole grain drill | 1200 |
| New Holland single manure Spreader | Best Offer |
| New Gehl Model 250 Manure Spreader w/Gratz chain, liquid end gate & top beater | 3532 |
| Case 1070D with cab air heater, P S , 20 8x38 rear tires, 778 hours | 17,900 |
| Landoll 7 shank Soil Master, high clearance | 4200 |
| New Athens 7 tooth 3 bar high clearance chisel Plow w/gauge wheels, curved shovels | 1150 |
| Int 4-row Rolling Cultivator, excel | 1 only 1200 |
| 3½ ton tandem axle Tractor w/ramps, ideal for hauling skid loaders | 1285 |
| 2½ ton tandem axle skid loader trailer, inspected | 885 |
| Dunham 11'2" rolling width Cultipacker, like new | 700 |
| 1845 Uniloader, gas | 8000 |
| Case 10 tooth high clearance 3 bar chisel Plow w/gauge wheels, curved shovels | 1695 |
| Pittsburg 3 pt 18 blade Disk Harrow, 5 ft wide | 412 |
| Pittsburg 3 pt hitch 7 ft Disk Harrow | 482 |
| Pittsburg 9'10" transport 32 blade Disk Harrow, 20" blades | 1596 |
| Pittsburg 1-row Cultivator, 3 pt hitch | 195 |
| Ezee Flow 3 pt Model 106 Fertilizer Spreader, 700 lb capacity, in stock | 525 |
| Pittsburg 2-row 3 pt Cultivator w/shields | 395 |
| Westgo 4-row Cultivator w/guide coulter | 1324 |
| Ezee Flow Rake similar to New Idea w/steel teeth, jack stand included | 1453 |
| Speed King 31 ft Bale Elevator w/shovel hopper, 62' chain | 1130 |
| Speed King 53'x6" transport auger w/Flex-I Boot hopper & down spout, PTO drive | 1125 |
| New Eager Beaver 4 ton Tag-A Long trailer w/ramps, tandem axle, electric brakes | 1858 |
| Gehl tandem axle Skid Loader trailer w/brakes | 1850 |
| Many different sizes new Cultipackers in stock | |
| New Gehl 800 Forage Harvesters in stock, also (1) 1200 Harvester | |
| New Gehl Model 180 bushel Manure Spreader w/Gratz chain, top beater attachment | 2726 |
| New AMCO double offset tandem 18 ft Disk Harrow, 22x¼ heavy duty blades, set up ready to roll, weight 7300 lbs | 7421 |
| Darf 5 wheel Rake, 40" wheels, ideal for corn fodder | 1125 |
| Teben deep til 5 shank sub soiler, heavy duty, w/spring reset for rocks | 3200 |
| New Gehl Model 640 2 beater 4x16 continuous drive Forage Box mounted on electric wheel, 12 ton, single axle gear w/flotation tires (One only) | 3200 |
| New Gehl Model 640 3 beater and roof Forage Box mounted on Gehl tandem axle 12 ton gear w/flotation tires | 3900 |
| Gehl heavy duty 6 ton wagons w/extendable hitch, 6" rims | 450 |
| New Gehl Model 1070 7 ft Mower Conditioner, one only | 3700 |
| New Gehl 99 Blower, heavy duty PTO drive shaft | 1595 |
| New Rhino Athens Model 100 blade w/6 ft moldboard w/other 10 angle adjustments, limited supply | 209 |
| Gehl Forage Boxes on running gears | 1 only 500 |
| 3 pt hitch double blade Box Scraper | 180 |
| Manure fork for Case 1830 Uni-Loader | 175 |
| Ford 9N Tractor | 1185 |
| Case 1737 Skid Loader | 3900 |
| Case 1030 Comfort King diesel Tractor, WFE w/16 9x38 rear tires, good cond | 6900 |
| Case 530 gas w/hydro steering, 3 pt hitch, dual range | 3900 |

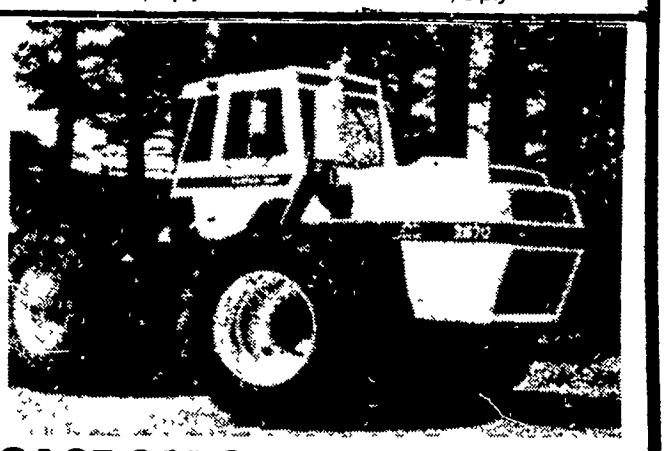
## NEW TRACTOR TIRES - CASH & CARRY SALE

**All Tires Listed In Stock**

| | |
|---|---|
| 23 1x30 Armstrong Maxi Trac, 8 ply, R1 | ea. $485 |
| 23 1x30 tubes | 58 |
| 12 4x38 Farm King, 4 ply | 140 |
| 14 9x28 Goodyear, 6 ply | 162 |
| (1) 12 4x38 Goodrich, 6 ply | 165 |
| 12 4x38 Uniroyal, 4 ply | 156 |
| 12 4x36 Goodyear, 4 ply | 150 |
| 11 2x38 Goodrich, 4 ply | 129 |
| 12 4x28 Goodrich, 4 ply | 125 |
| 12 4x28 Firestone, 6 ply | 115 |
| 12 4x28 Goodrich, 4 ply | 110 |
| 11 2x24 Firestone, 4 ply | 98 |
| (1) 9x38 Firestone, 4 ply | 90 |
| (1) 9 5x36 Goodyear, 4 ply | 149 |
| 9 5x24, 4 ply | 85 |
| 20 8x38 Goodrich, 8 ply | .435 |
| 20 8x34 Goodyear power torque, 8 ply | .375 |
| 18 4x38 Alliance, 6 ply | 259 |
| 18 4x38 Armstrong, 8 ply | 299 |
| 18 4x38 Goodrich Silver Town, 6 ply | 285 |
| 18 4x34 Goodrich power grip, 6 ply | .250 |
| 18 4x34 Everest, 8 ply | .260 |
| (1) 18 4x34 Goodyear sure grip 45% bar, 6 ply | 205 |
| 18 4x30 Goodyear blem 45% bar, 6 ply | 205 |
| 18 4x28 Goodyear, 6 ply. | .200 |
| 18 4x26 Goodyear, 6 ply | .199 |
| 16 9x26 Uniroyal blem, 6 ply | 159 |
| 16 9x34 Concord, 6 ply | 210 |
| 16 9x30 Firestone, 6 ply | 175 |
| 16 9x28 Goodyear, 6 ply | 180 |
| 16 9x38 Goodrich, 6 ply | 248 |
| 17 5x24 Ind Everest | 192 |
| 15 5x38 Goodrich, 6 ply | 225 |
| 15 5x38 Dunlop, 8 ply | .210 |
| 14 9x38 Goodyear, 6 ply | .185 |

**WAGON TIRES - IN STOCK**

| | |
|---|---|
| 10 00x15, 8 ply | 11Lx16, 8 ply |
| 12.5x15, 8 ply | 9 5Lx15, 8 ply |
| 11Lx15, 8 ply | 9 5Lx14, 6 ply |



## CASE 2870 DIESEL TRACTOR

**With 23.1x30 Tires, Ready For The Field, Demo., 1 Only.**

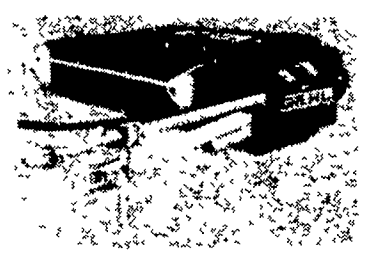
1. On the go power-shift transmission = no power loss.
2. PTO shaft to utilize full engine horsepower without a safety cut off switch.
3. The best visability on the market - sit in our cab and see for yourself.
4. 4-way selective steering for row cropping & hillside farming.
5. 3-point hitch.
6. More horsepower to the drawbar for your fuel dollar.

## BUSH HOG ROTARY CUTTERS

★ 6 & 7 ft. Models In Stock ★

## SEE OUR LARGE DISPLAY OF FORAGE BOXES AND RUNNING GEARS IN STOCK! READY TO SERVE YOUR NEEDS!

## NEW GEHL MOWER CONDITIONERS



**Better Than A Haybine**

- ★ Full Floating Machine
- ★ Heavy Duty Rock Guards
- ★ In Stock: 9 ft. and 7 ft. Models

- **3½" reel tine spacing** Instead of conventional 4½" tine spacing, Gehl reel tines are 3½" apart They sweep the cutterbar clean twice every revolution, eliminating build-up and hairpinning
- **'Leaf-saver' rolls** Gehl mower conditioners use conditioning rollers, not crimping rollers The upper steel and lower rubber rollers are set close, but never touch, to gently crack the crop stem, speeding drying, but minimizing valuable leaf loss Upper roll is set ahead of lower roll to act as secondary reel The result to you is fast drying, high protein hay

New Gehl 9 ft Model only $4300 plus cylinders and hoses

New Gehl 7 ft Model only $3700 plus cylinders and hoses

## GET READY FOR THE HAYLAGE SEASON WITH A GEHL CHOPPER.

Several Models In Stock For Immediate Delivery. Call us soon

## ★ HELP WANTED ★

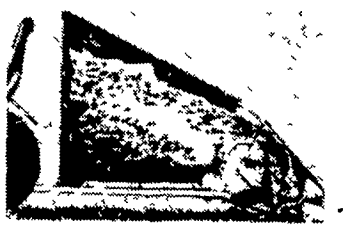
**Experienced Mechanic, willing to learn. Prefer Farm Background.**

## WESTGO & DUNHAM

4 Row Cultivators In Stock
With Independent Parallel Linkage

## SPEED KING BALE ELEVATORS IN STOCK - Set Up Yourself And Save!

Case — Built Heavy Duty **LAWN SWEEPERS** For Top Performance



**Two gear driven** brushes propel leaves and debris the full length of the hopper No need to stop to adjust the load

The Case built L 90 lawn sweeper is in a class by itself The L 90's superior design begins with the Case exclusive gear drive that whips two leaf grabbing brushes through your toughest clean-up jobs quickly and easily Picks up leaves twigs acorns apples and other debris with virtual no-clog non-stop efficiency

List Price $232.00

Special Sale Price **$195**

### Specials On New Leftover Model Tractors

— Limited Supply —

New CASE 970D Tractor - Std. Shift, w/23 1x30 deep lug tires, new warranty . . only $14,900

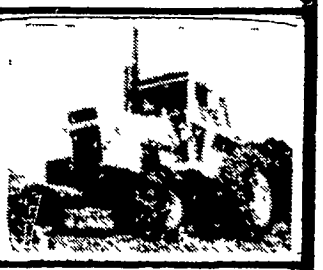
CASE 1270D Tractor, No Cab, P S., 18 4x38 rear tires, new warranty only $21,900

## BUY THIS DEMO UNIT WITH WAIVER OF FINANCE TILL OCTOBER 1, 1979

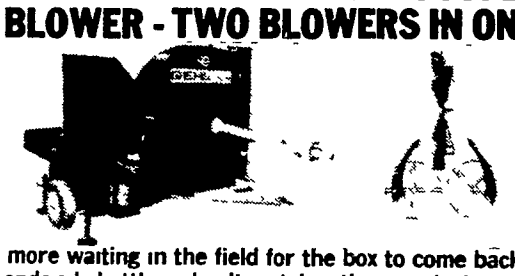
**NEW CASE 1070**

108 to 115 HP with cab, air, heater, power shift, 20.8x38 rear tires, weight frame & 10 drop ins

1 Only $19,900



## HAVING PROBLEMS BLOWING HAYLAGE? TRY THE GEHL SUPER BLOWER - TWO BLOWERS IN ONE!



No more waiting in the field for the box to come back. The 99 ends silo bottlenecks. It matches the round trip speed of your best forage box. Most self-unloaders won't unload fast enough for it.

When compared to conventional blowers, the FB99's twelve staggered fan blades, six on each side of the rotor, actually give you two blowers in one. The timed delivery of material from the alternate paddles provides maximum use of available space in the nine inch pipe. Result is increased capacity without increasing pipe size. Alternate paddles provide a steadier flow of air and material. Pressure and velocity is maintained as material is blasted up the pipe. No gaps. No slowdowns

**$1595.00**

## Case BINKLEY & HURST BROS.

133 Rothsville Station Rd., Lititz, PA. 17543 Ph: (717) 626-4705

Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

NEW IDEA FARM EQUIPMENT

## NEW EQUIPMENT SPECIALS

- ★ (2) AC 4-Row Corn Planters, Model 600 No Till with No Till Coulters, Monitors, Dry Fertilizer with 18" openers, Hyd, Row Markers, 77 Air Champ Units and Insect Attach **$6,000 ea.**
- ★ AC 4 Bottom, fully mounted plow, 387 bottoms (demo) **$1375.**
- ★ AC 1200 Series, Field Cultivator, 12½ **$1495.**
- ★ Century Field Sprayer, 300 Gal Tank, Delux Trailer, 8 Row Boom, 8 Roller Pump and Agitator **$1195**
- ★ Glenco SSP-7B 7 Tooth Soil Saver with Glenco coil tines. **$4750**
- ★ Glenco SSP-9B 9-Tooth Soil Saver with Glenco Coil Tines **$5450**

## USED EQUIMENT:

AC 190 Diesel
F Gleaner with 13' Grain Head
MF 300 Combine with 10 Grain Head and 33 QT Corn Head
MH 26 Combine
Int 101 Combine with 10' Grain Head and 2 Row Corn Head
702 Uni-Tractor, Diesel
729 Uni-Sheller
726 Uni-Husker
Oliver 5 Bot 16" Hyd Reset Plow
Bearcat 11' Single Picker
MF No 15 Grinder Mixer

ALLIS-CHALMERS

**SHARLESTVILLE FARM SERVICE**
RD1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

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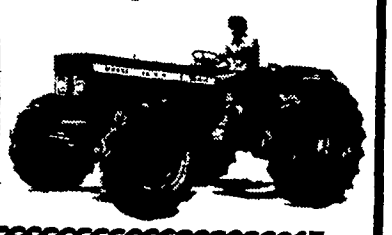
**MF** Massey Ferguson



**SPECIAL DISCOUNT ON TRACTORS & COMBINES UNTIL JULY 27**

### NEW EQUIPMENT IN STOCK

MF 245 diesel tractor
MF 255 diesel tractor, 8 speed
MF 285 diesel tractor, multi power
MF 2745 diesel tractor, multi power with cab, air and dual tires
MF 184-4 diesel 4 wheel drive
MF 760 diesel combine
MF 124 balers
MF 120 balers
MF 42 Pitman mower
MF rotary cutters
MF 520 discs
MF 880 6 bottom plow,
MF 39 planters
MF 468 4 row planter
MF 33 grain and fertilizer drill

### USED EQUIPMENT

Oliver 550 gas tractor
Ferguson TO 30 tractor
2 MH 44 tractors
1978 MF 285 diesel tractor w/GB loader
1977 MF 300 combine
1974 MF 300 combine
1972 Gleaner F corn/soy bean special 4 row wide head, 13 ft. table
MF Super 92 diesel combine
MH 80 combine, 2 row head, 12 ft. grain table
MF 33 grain drill
NH 285 baler
NH 36 crop chopper
NH 7 forage wagon completely rebuilt
IH forage harvester with 1 row head
NH 717 forage harvester
MF 52 disc.
Oliver 12 ft. disc
Case 16 ft. disc w/S.S. tank sprayer
MF 88 plows
NH 512 manure spreader
8 ft. cultipacker
12 ft. cultimulcher

**SPECIAL**
**Starline 730 Tank Spreader Like New**
**$1000**

**FULL LINE OF EQUIPMENT AVAILABLE**

**ABRACZINSKA'S**
**Farm Equipment, Inc.**
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

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# J I Case
# Needs a Few New Dealers

We are looking for enterprising businessmen who understand agricultural equipment retailing "We" being the J I Case Company Founded in 1842, Case now has over 3,000 dealers world wide and an unsurpassed reputation for product quality, reliability and current growth

**If you think** that the farm equipment business requires involvement with many different product lines, you'll find Case an interesting exception As a Case Tractor Specialist, you concentrate on *one major product line*, agricultural tractors and related tillage tools, because Case builds nothing but tractors for the farm market

**Case Dealers sell** twelve basic tractors 43 to 300 horsepower Five models are under 90 horsepower, four are the exciting new 90 series - 108 to 180 horsepower, and our three big four wheel drive tractors lead the booming 4WD market

**High potential** marketing areas are available now Profitable Case light construction and outdoor power equipment contracts may also be available As a Case Tractor Specialist, you would benefit from liberal financing policies, attractive consumer terms and time-proven Case Rental Systems

**Case product and policy advantages,** when combined with your own aggressive sales and management abilities, will afford you the opportunity to realize an excellent return on your investment

**Are you interested?** Please contact

**W.M. KIMBROUGH**
Dealer Development Manager
J I Case Company, P O Box 50128
Indianapolis, Indiana 46256, or call collect
**(317) 849-4770.**

J I Case
A Tenneco Company

**case**

---

# FISHER ENGINE SERVICE

3141 Old Phila. Pike 717-768-3729 Bird-in-Hand, PA 17505

## AUTHORIZED SERVICE CENTER

**WISCONSIN**

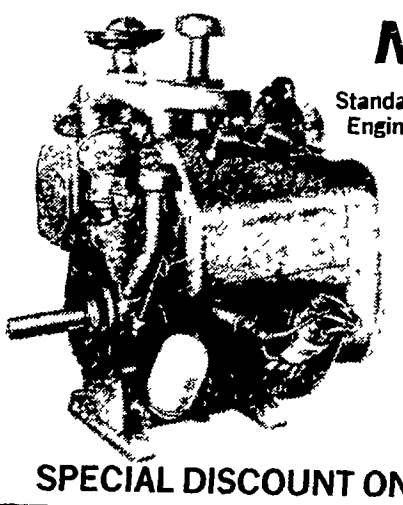
Ford

Industrial Gas & Diesel Engines

ORIGINAL BRIGGS & STRATTON MADE IN MILWAUKEE WIS U S A SERVICE PARTS

### WISCONSIN HEAVY-DUTY ENGINES

## MODEL VH4D



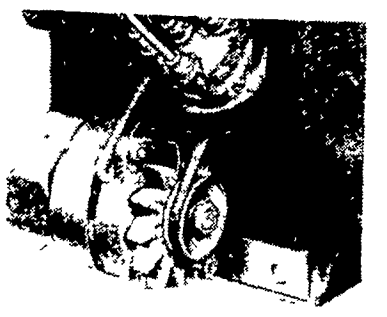
Standard Engine

30 HP • 107.7 cu. in.
V-Type • L-Head
Rugged Dependable
Wisconsin Power —
Tops in Performance

**SPECIAL DISCOUNT ON FACTORY SURPLUS ENGINES.**

## MODEL VH4D

| | |
|---|---|
| Bore | 3¼" |
| Stroke | 3¼" |
| Piston Displacement - cu in | 107 7 |
| Horsepower - 1400 R P M | 17 2 |
| 1600 R P M | 20 |
| 1800 R P.M | 22 5 |
| 2000 R P M | 24 7 |
| 2200 R P M | 26 5 |
| 2400 R P.M | 28 |
| 2600 R P M. | 29 2 |
| 2800 R P M | 30 |



## AVAILABLE WITH:

★ 12 Volt, 37 amp., belt-driven alternator. (shown)
★ Engine-mounted live hydraulic pump.
★ Crank-start. ★ PTO Clutch-reduction.

**ENGINES IN STOCK TO FIT VARIOUS APPLICATIONS**

Haybines, balers, compressors and skid-steer loaders including Mustang, Case, Bobcat, N.H., IHC, Ford and others.

**USED ENGINES**

Wisconsin 1, 2 & 4 cylinder
Allis Chalmers B125 & D14
Ford 172 52 hp w/reduction

New - Kirloskar 3 cyl, 43 hp Diesel . $2095
New - Avco 4 cyl, 40 hp Diesel w/clutch . $1695
New - Hatz 8 hp Diesel w/clutch . $875
New - Hatz 36 hp Diesel w/cl reduction . $2350

---

## LOOK NO FURTHER FOR GOOD USED EQUIPMENT

### TRACTORS

JD 4010 w/cab, w f, A-1
JD 3020 w/cab, A-1, 1971 model
JD 435 diesel with Sauder loader, hyd bucket
JD MT w/plow & culti
JD H
IHC 666 hydro diesel, exc
IHC 706 gas
IHC 300 utility
IHC 350 D Farmall
IHC 1066 turbo diesel, real good, fully weighted
Case 700 diesel
Ford 9600 diesel w/new engine, new tires 23 1x34, turbo diesel, cab, weights
Ford Jubilee, real good
Ferguson 20

### PLOWS

JD 350 plow 5 16
White plow 3 16
Oliver plow 3 16
Case plow 3 18 spring reset, 1 yr old

### CORN PLANTERS

New JD 71 Flex planter, 2 row
Case corn planter, 3 pt 4 row
IHC 56 4 row planter
JD 1440 4 row planter w/dry or liquid fertilizer

### HAYING EQUIPMENT

4 JD 24T balers w/#2 ejector
JD 14T baler w/#2 ejector
JD 224 baler
JD 14T baler
NH 6 **SOLD**
NH 78 baler w/motor thrower
NH Super 69 baler w/motor thrower
NH 269 w/S S pickup & PTO thrower
IHC 27 w/#10 thrower, reconditioned
IHC 225 SP mower conditioner
IHC 716 mower conditioner 7 ft
Fox custom 90 forage harvester w/4 heads (1 flail attach used very little, like new)
New JD 3800 harvester w/price drastically reduced

### GARDEN TRACTORS

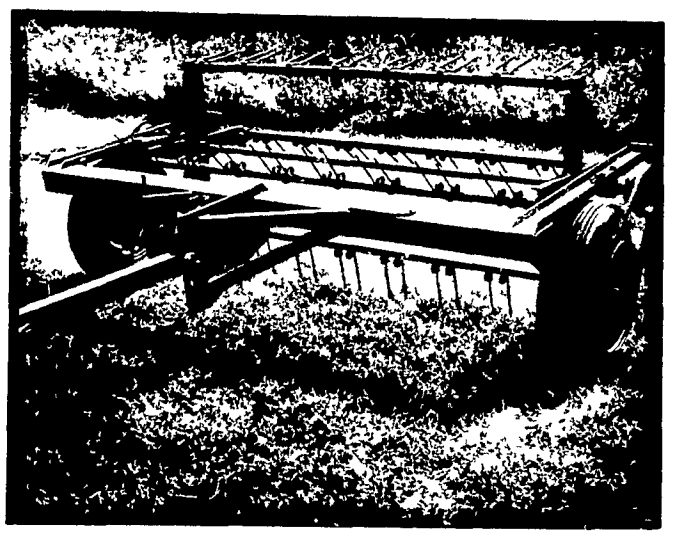
Rare Find IHC 185 cub low boy, used 2 yrs w/new 59 Woods mower, never used
IHC 54 blade and snow blower
JD 316 1 yr old
JD 300 with mower
JD 210 1 yr old
JD 112 elec lift w/47 mower & 31 tiller, end blade
JD 110 w/mower and blade
JD 110 w/39 mower, late model
IHC 76 cadet with mower
IHC 50 cadet rider
2 MF 7 hp w/mower
Colt w/10 hp w/mower

*On our lot today - at your farm or home tomorrow.*

JOHN DEERE

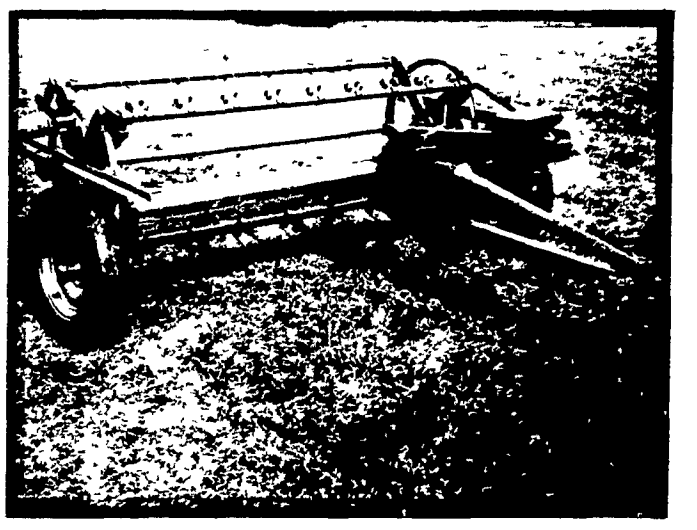
**AUKER-ENA EQUIPMENT**
Oakland Mills, PA 17067
717-463-3511 436-2235

# MAKE QUALITY HAY BETTER & FASTER WITH GRIMM TEDDERS



MODEL "B" GROUND DRIVE

MODEL "C" P.T.O. DRIVE



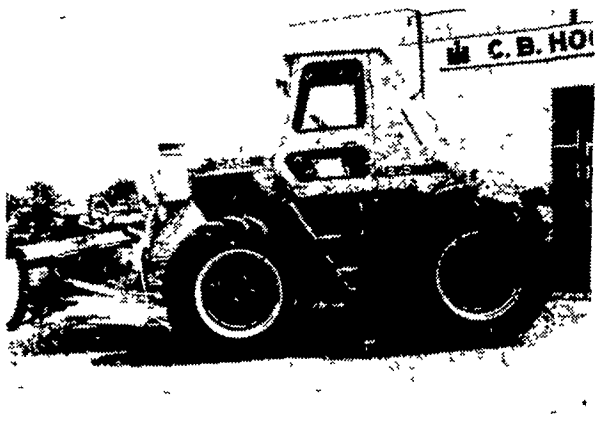
## ►►►► HERE'S WHAT MAKES GRIMM BETTER ◄◄◄◄

1. CAST IRON PLANETARY KICKER.
2. RUGGED, HEAVY DUTY CONSTRUCTION.
3. STEEL OR RUBBER TEETH.
4. ADJUSTABLE FOR EXTRA GENTLE ACTION.

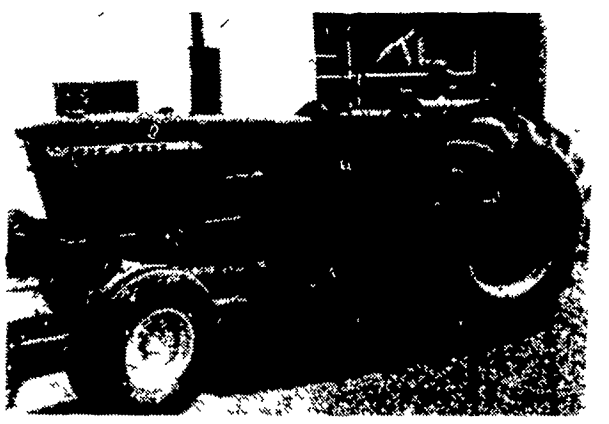
## RAIN OR SHINE: IT PAYS TO BUY A GRIMM HAY TEDDER

### RECONDITIONED TRACTORS

**SATOH - MODEL S-6506**
BISON - 28 HP w/3 point, I. PTO & 8 speed trans., 140 hours.

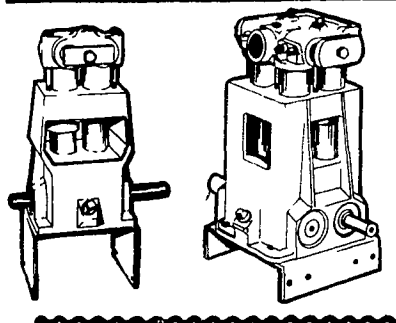


**CASE - MODEL 1200**
TRACTION KING - 4 Wheel Drive with Dozer Blade. 3490 hours.

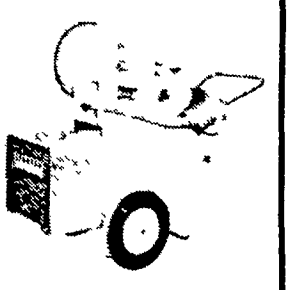


**DEERE - MODEL 4020D**
Wide Front end, side console 4441 hours.

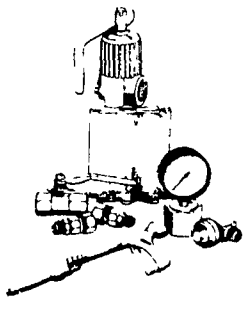
## PARTS DEPT. - Call Us, We Probably Have It!



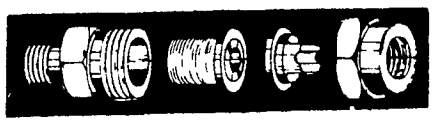
All Purpose **HIGH PRESSURE SPRAYERS**



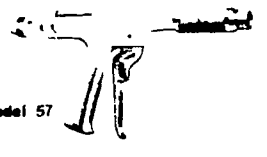
RECONDITIONED MYERS SPRAYER, Like New..... $225



### SPRAYER ACCESSORIES



**NOZZLES**
Stainless Steel, Nylon & Brass




**SPRAY GUN**
List $44.50
SPECIAL $35

### TRACTORS

- Case 1200 4 WD w/front blade
- IH Farmall H
- Satoh S650
- David Brown 990 w/loader
- IH F1066D w/cab
- IH F504 gas w/mower
- IH 4166 4 WD w/3 pt. hitch
- IH F756D
- IH 4120 skid loader
- IH Farmall A w/loader
- IH 1454 gas
- IH F460 gas
- AC 5040D
- IH 444 gas
- Farmall 966D
- Farmall 806D
- IH Farmall Super A w/sickle mower
- IH Farmall A w/plow & cult.
- Deere 3020 Gas
- F706D-310 Engine
- IH 574D w/2050 A loader

### HAY & FORAGE

- IH 650 Harvester w/wide cornhead, 72" pickup
- IH 650 Harvester w/narrow cornhead, 72" pickup
- IH 1PR Cornpicker
- Brady 10' Shredder
- IH 830 Harvester, 3 row head
- IH 720 Harvester, 2 row head & pickup, demo.

### COMBINES

- (2) Deere - 7700 Hydro w/6 row cornhead, 15' flex-cutter
- (2) Deere 6600 Sidehill w/6 row cornhead, 15' platform
- IH 715D Belt w/844 cornhead
- NH 985D w/4-row narrow cornhead

### GRAIN DRILLS

- Deere 16x7 single disk openers
- IH #10 16x7
- IH 510 21x7 combination double disk openers

### CORN PLANTERS

- IH 400 cyclo 8 row narrow
- IH 400 cyclo 4 row wide
- IH 400 cyclo 6 row narrow
- IH 455 4 row wide
- Deere 1300 4 row wide

### PLOWS & TILLAGE

- IH 540 4F-16"
- IH 3F-14" trailing
- IH 45 vibra shak 10 ft., mounted
- Sunflower SC-16 chisel, 16" wing-fold
- Oliver 4F-16"
- IH 700 5F-16" Auto

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

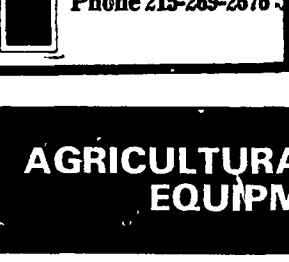
**RADIO CONTROLLED TRUCKS FOR BETTER SERVICE**

# C. B. HOOBER & SON INC.

**INTERCOURSE, PENNA.** **(717) 768-8231** AUTHORIZED UPS STATION

FARM EQUIPMENT

**FOR SALE**
656D hydro, year round cab, wide front end.
**215-838-9927 after 5 P.M.**



**NEW TRACTORS**
Farmall 1086 w/20 8-38 tires
Farmall 686 diesel
(2) IH 484 diesels
IH 384 diesel
IH 284 gas

**NEW EQUIPMENT**
IH 16 x 7 grain drill, single disc
IH 530 manure spreader
IH 540 manure spreader
#8 flail chopper
720 forage harvester, special price
510 plow 5-18"

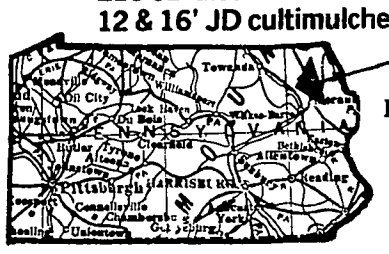
**USED TRACTORS**
Farmall M
Farmall H
IH 354 gas w/mower

**USED EQUIPMENT**
251 corn planter

**LAMB'S FARM MACHINERY**
Thorndale, PA
Phone 215-269-2676

FARM EQUIPMENT

**LARGE SELECTION OF TRACTORS & EQUIPMENT**
IH 1086 tractor, less than 500 hrs.
IHC 56 4-row planter
4230 JD w/cab & air, 700 hrs.
210 JD disc. 14'
12 & 16' JD cultimulcher




**CHARLES McCARTHY**
RD3, Meshoppen, PA 18630
1 mi. E. of Meshoppen Off of Rt. 6, Wyoming Co.
717-869-1551

**USED HARVESTER**
# R-I-O-T

(1) Gehl CB1200 w/3-row head & hay pickup, electric controls ..... $8500
(1) MF 260 Harvester w/2-row head & hay pickup, electric controls ..... 3800
(5) Gehl CB600 Harvesters ... Your Choice - 2500
2-row corn heads for CB600 Harvesters ..... Your Choice - 500
Hay pickup for CB600 Harvesters ..... 700
(1) Gehl CT300 Harvester w/1-row head ..... 1100
(1) New Holland 717 Harvester w/1-row head & hay pickup ..... 1300
(1) Fox 2000 Harvester w/2-row head .... 2500

**LEBANON VALLEY IMPLEMENT CO.**
700 E. Linden St., Richland, PA
Phone: (717) 866-7518

FARM EQUIPMENT

For Sale - Pair of 18.4x34 duals complete. Pequea PTO Hay tedder, very good cond. J. Wilmer Eby, Box 428 Rt. 3, Mount Joy, PA 17552 PH: 717-285-4222

For Sale - 1968 International straight truck, no body, 1600 series, long wheel base, storage trailers, van, flat & tanker. 717-299-7205 8 to 4.

FARM EQUIPMENT

For Sale - 20x55 Fickes concrete stave silo, 10x40 metal silo, 2 wire corn cribs, 1200 bu. capacity with metal roof, 2 ton metal upright feed bin, 3 MM portable Model D corn shellers. All best offer. 717-733-6548.

For Sale - New Idea Corn Picker Sheller, narrow row, very good condition. Mifflin County. 717-935-2724

FARM EQUIPMENT

For Sale - 2840 JD 190 hrs. 5 btm. spring reset Case plow, both like new, 717-353-2833

For Sale - 1978 Deutz tractor 13006, 4 wheel drive with 1010 loader. 215-273-3921.

For Sale - 12' Oliver transport disc, $750. 12' Bear cat transport roller packer, $500. Berks Co. 215-926-4798 after 5 p.m.

**GOT TORQUE AMPLIFIER, CLUTCH AND PRESSURE PLATE PROBLEMS WITH YOUR IH TRACTORS?**

There is a company in the West that has been rebuilding T.A. units for several years now and having excellent results. The basic reason for their success is the sprag clutch they use. In the areas where they have been selling, they even have IH dealers that use this unit almost entirely.

(1) They feel this sprag clutch is giving less problems than even IH's new beefed up unit because of the design of the sprags.
(2) This unit can be bought as individual parts which is many times all you need or as a complete renewed unit ready to set in your tractor.
(3) They have a warranty up to 2000 hrs., or 3 years . . . and . . .
(4) They don't cost any more and to most buyers they are costing less than from the big company. They offer same day shipment by UPS or Greyhound bus. They also have a program on rebuilt Dynalife clutches and pressure plates.

**If you want more information write me and I will get the literature to you. Raymond B. Leaman, RD #1, Willow Street, Penna. 17584.**

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_____
State _____ Zip _____ Ph: _____

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**CHECK OUR 40-50 HP DIESEL TRACTOR DEALS**

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AC 7000 cab & air 975 hrs
AC 7 (SOLD) ib
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AC 7030
AC 7040
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AC 185 D, low hrs
MF 65 D, 3 pt
Case 730
Farmall Super M
Oliver 1850

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NH 1890 SP, 4 wheel drive 330 head
NH 77 (SOLD)
NH 707 WPU, 1-row, Ex Cond
NH 27 Blower
Gehl 99 Blower

**PLANTERS**
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AC No-Till air 4 row
JD 71 No-Till, 4-row

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NH 365 Tank

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(2) NH 268
NH 68 w/motor
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NH Super 68
JD 346 w/thrower, 800d

**HAYBINES**
(2) NH 495 Used
NH 1112 Speed Rower Dsl, cab, air, hydro
(2) NH 47 (SOLD)
(1) (2) NH 469
(2) PT 10 Hesston, good

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JD Gyro Mower 6'
9' 3 pt chisel
10' JD Pull type chisel
NH 352 Grinder - Mixer
NH #8 crop carrier, ext sides & roof
John Blue Dry Fert Spreader
2 & 3 B mounted plows
JD cultimulcher, Hough loader
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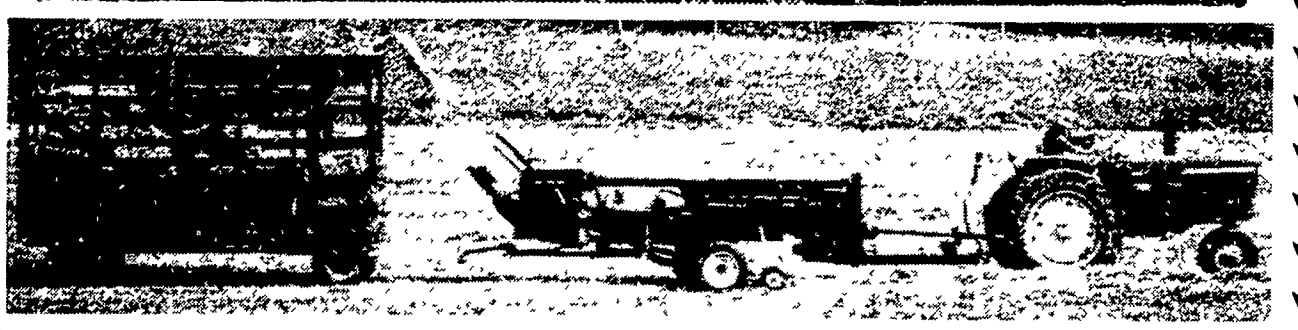

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741 Corn Head
AC 480 Blower
AC D-15 Tractor
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NH 346 Tank Spreader
328 NH Spreader
#6 Forage Box
1469 Haybine
(2) NH 479 Haybines
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269 Baler w/53 Thrower
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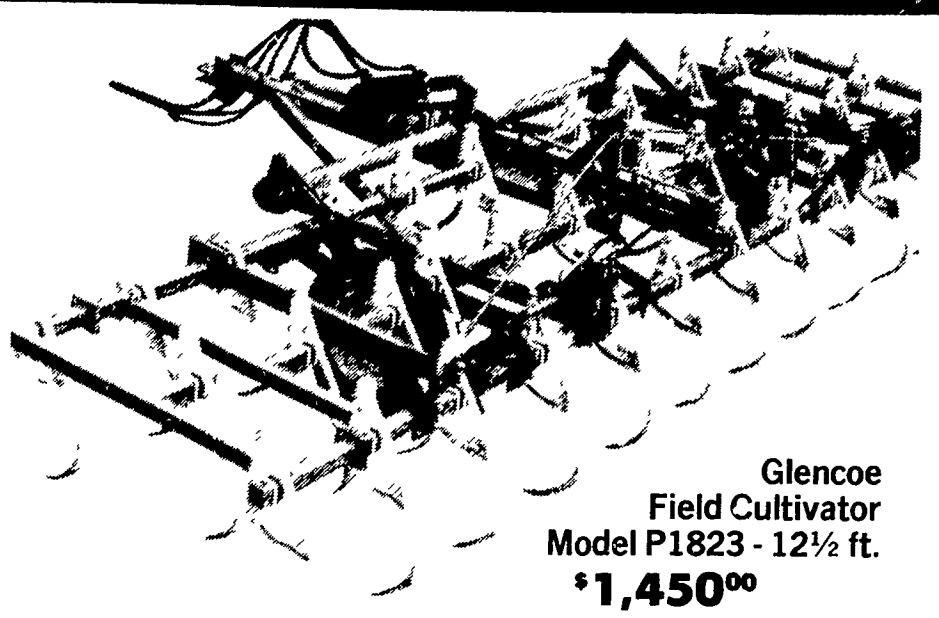
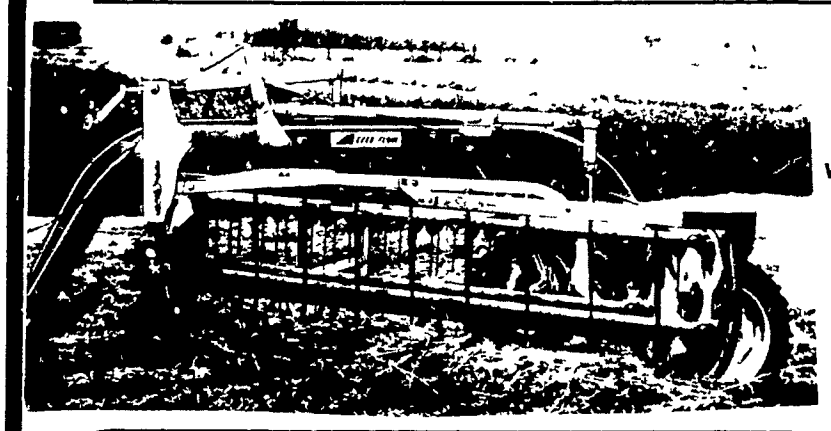


Glencoe
Field Cultivator
Model P1823 - 12½ ft.
**$1,450.00**

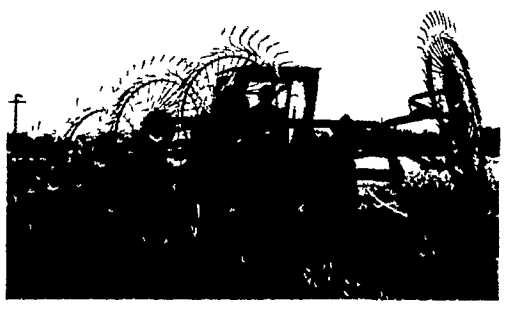


Ezee-Flow
Hay Rake
w/rubber flex teeth

1 only at
$1395

## Vicon trapeze v-rake

H1240
V-Rake-Tedder combination
20 Ft. Working Width



Vicon's Trapeze incorporates two Acrobat frames joined together for a working width of up to 20 feet, producing a windrow five feet wide — just right for big balers. A 35 HP. tractor supplies all the power needed.

**Best of all, Vicon's Trapeze is the lowest priced V-Rake on the market today.**

KM240 Mower Conditioner
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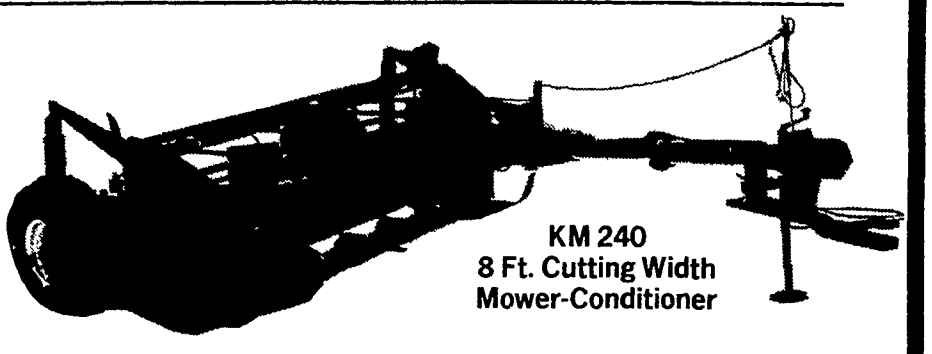
PS500 & PS600 Fertilizer Spreaders
H-1240 V-Rake-Tedder Combination
HKX620 Acrobat Rake-Tedder Combination
H820 Atleet Rake-Tedder Combination



KM 240
8 Ft. Cutting Width
Mower-Conditioner

## PS-500 - 900 Lb. Cap. Fertilizer Spreaders

Now Available In Ground Drive.

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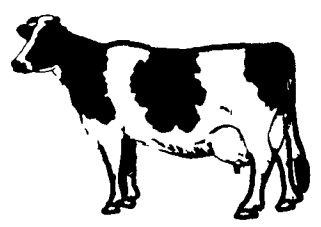
Soil-Masters

Available in -
5 shank - 11 Disks
7 shank - 15 Disks
9 shank - 19 Disks

# WITH SPRING BRINGING ON A NEW LACTATION OF COWS . . .



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★ **This is an excellent Pail Milking Machine for Amish Use.**

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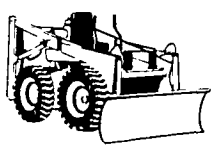
RD 1 Gordonville, PA 17529
Send More Information ☐ Have Representative Call
Name _____
Address _____
City _____
State _____ Zip _____
Phone _____



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7:30 A.M. to 6:00 P.M.
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Evenings by appointment only

### CRAWLER LOADERS

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| 955H 60A Peddle Steer | $16,500 |
| (3) JD 450B | $16,500 |
| JD 450 | $12,500 |
| IH 175B | $12,500 |
| IH 175 | $11,500 |
| Cat 955A | $10,000 |
| AC HD7C A-1 SHAPE! | $9,500 |
| Int. 150 | $9,500 |
| Cat 955H 60-A | $9,000 |
| JD 350 Dsl. | $8,500 |
| Case 310 w/Backhoe | $8,500 |
| AC HD7G | $8,000 |
| AC HD 6-G | $7,500 |
| IH P340 4-in-1 Bucket w/ripper | $6,500 |
| (2) JD 2010 Dsl. | $6,500 |
| JD 1010 Dsl. w/winch | $6,000 |
| AC HD5 w/winch | $4,800 |
| JD 440 Dsl. | $4,000 |
| Case 800 | $3,500 |

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| Cat D6, hyd. | $9500 |
| Cat D6, hyd. | $8500 |
| JD 450 Angle overhauled | $7,500 |
| Cat D7 hyd. | $7500 |
| JD 2010 6 way angle w/pto | $7000 |
| Cat D8, cable 2U | $7000 |
| Int. 500 6-way | $7000 |
| Cat D7, cable | $4000 |
| IH TD 14, hyd. | $4000 |

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| Cabot | $8500 |
| Case 580 CK | $8500 |
| Case 530 Gas | $7500 |
| Case 530 Dsl | $6500 |
| Ford Jubilee Loader Backhoe 3 pt. | $3850 |

### TRUCKS

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|---|---|
| 1965 Ford 10 wheeler, gas | $7800 |
| 1967 Ford 10 wheeler, alum gas | $7000 |
| 1975 Dodge, 4x4 w/snowplow | $5500 |
| 1975 Chevy Blazer 4x4 | $5500 |
| 1977 Chevy Silverado, AC, PS, PB, EW | $5000 |
| IH 18' chassis Diesel | $4800 |
| 1964 Int | $4700 |
| 1967 Int Truck Tractor | $3850 |
| 1974 Louiville, hyd end gate | $4000 |
| 1965 Int Grain Dump | $3500 |
| 1970 GMC 18 ft Cattle Truck | $3000 |
| 1965 Dodge T T S A overhauled | $1500 |
| 1966 Ford pk-up | $800 |
| 1965 Chevy pk up | $750 |

### TRAILERS

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|---|---|
| CMI hyd. folding gooseneck, 40 ton | $15,500 |
| 1 to 2 ton tandem axle, tilt w/winch | $1500 |

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| Layton M 500 | $3250 |

### AIR COMPRESSORS

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| Davey 125 | $2850 |
| IR 185 | $1000 |

### TRACTORS

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| JD 2010 3 pt. w/ldr. Dsl. | $3750 |
| MF 35 Dsl. 3 pt. | $3500 |
| MF 30 3 pt. w/Industrial ldr. | $2200 |
| MH w/ Cult. | $1100 |

### GRADERS

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| Huber Wargo w/Cab | $6500 |
| Huber Maintainer | $3500 |
| Huber Maintainer w/cab | $2450 |
| Huber Maintainer | $1850 |

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| Case 1740 Diesel | $5500 |

### ROLLERS

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|---|---|
| 2 to 5 ton Roller | $2950 |
| Kenroll 1½ ton | $2850 |

### WELDERS

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|---|---|
| Hobart 250 Amp | $800 |

### CARS

| | |
|---|---|
| 1972 Cadillac Eldorado | $3500 |
| 1975 Plymouth Fury, AC, AM-FM Stereo, PW | $3400 |
| 1972 Cadillac Eldorado, AC, PW, AM-FM | $3000 |
| 1967 Cadillac Conv. | $2500 |
| 1971 Chevy El Camino, AC, PS, PB, AM-FM | $2500 |
| 1973 Chevy El Camino, Sharp! | $2200 |
| 1967 Olds Toranado, AC, AM-FM Stereo, PW | $1200 |
| 1971 Ford Maverick, AC | $700 |

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| | |
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| 1976 Harley Davidson motorcycle, 74 series | $3800 |

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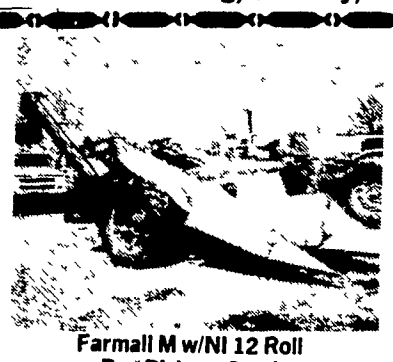
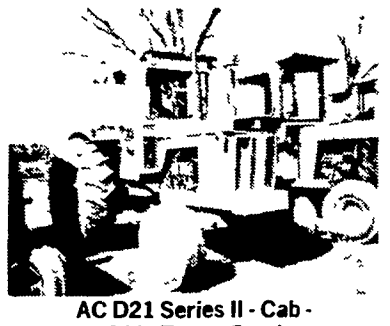
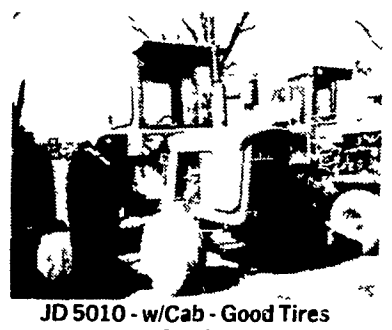


Farmall M w/NI 12 Roll
Bed Picker - Good
**$3500**

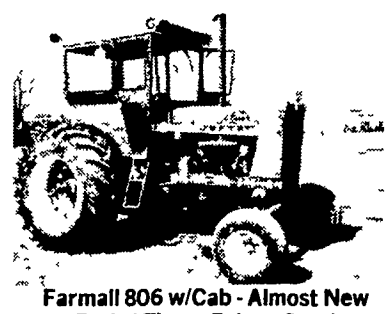
JD 4320 - Cab - New Tires
Good
**$11,500**



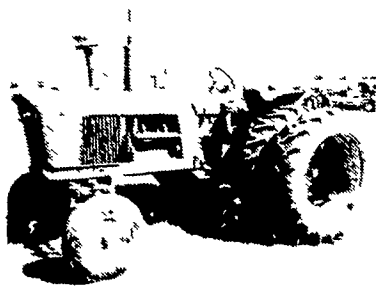
AC D21 Series II - Cab -
90% Tires - Good
**$7500**



JD 5010 - w/Cab - Good Tires
Good
**$7500**

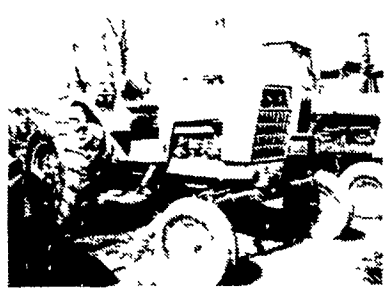


Farmall 806 w/Cab - Almost New
Radial Tires - Fair to Good
**$6500**



JD 4020 Power Shift w/Duals
Good
**$7750**

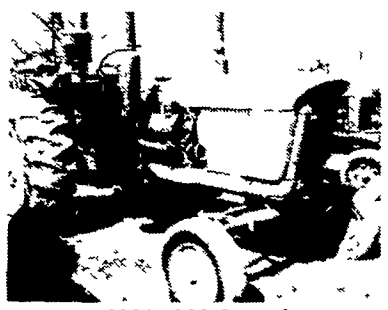
MF 1085 w/Cab - 1974 -
1100 Hours - Very Good
**$8750**



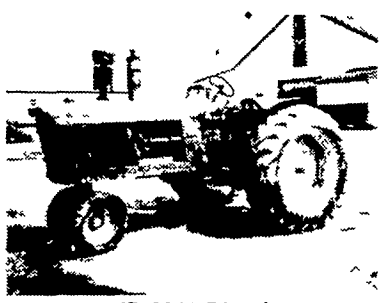
Ford 8000 - New Tires -
Choice of "2" - Good
**$7500**

Farmall Cub - Cultivator -
FH - Good
**$3500**

1970 Int 2444 Diesel -
Loader - Trencher - Good
**$3900**



JD 4020 - 903 Cummings
V8 Powered - Fair
**$5750**

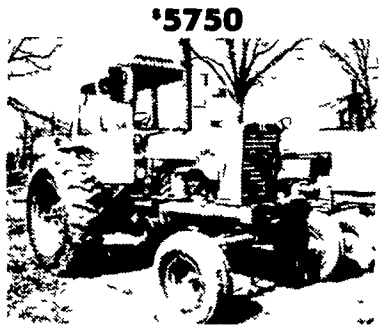


JD 4010 Diesel
Fair to Good
**$4750**

Farmall 1456 - Cab - Low Hours -
Needs Torque - Good
**$8750**

Farmall 966 - Cab - Air
Good
**$10,000**

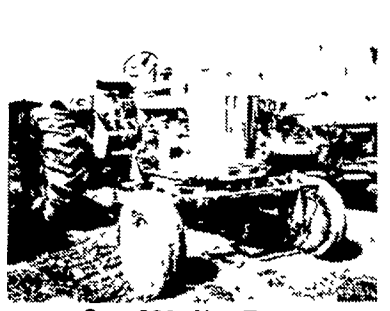
Case 1470 - Very Good
**$16,500**



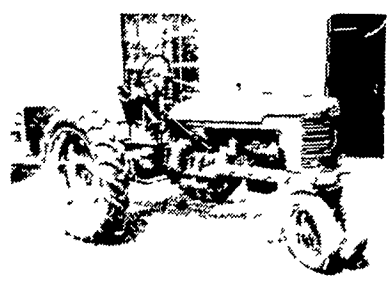
Farmall 1256 w/Cab - Air
Good
**$9750**

Int. Truck with Daffin Feed Grinder
Detroit Diesel Blower On Mill - Fair to Good
**$4900**

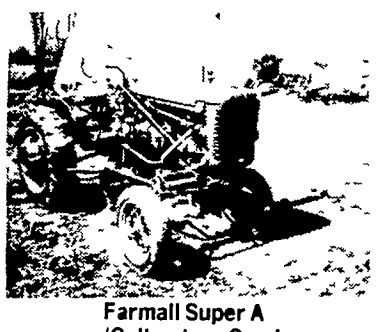
Int 4166 - Cab - Hitch - PTO
Good
**$14,500**



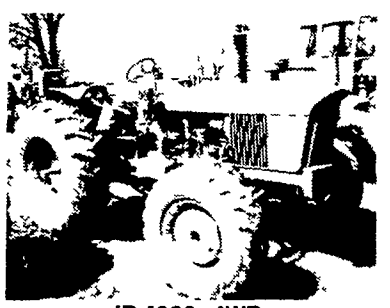
Case 930 - New Tires
New Paint - Good
**$5500**



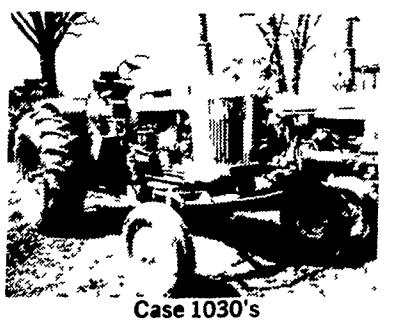
Farmall H - New Tires
Good
**$1075**



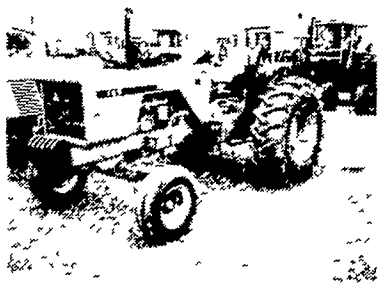
Farmall Super A
w/Cultivator - Good
**$2300**



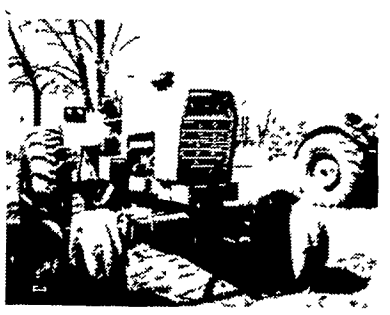
JD 4020 - 4WD
Fair to Good
**$7500**



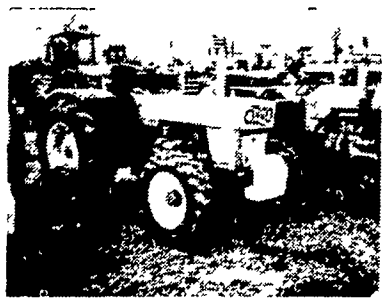
Case 1030's
(Poor) - **$3950 - $4500** - (Fair)
(Good) - **$5950 - $6500** - (Good)



AC 185 - 1974 - 1500 Hours
Very Good
**$9500**

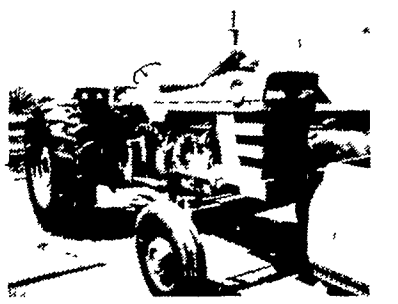


Ford 9000 - New Tires
Fair to Good
**$6250**

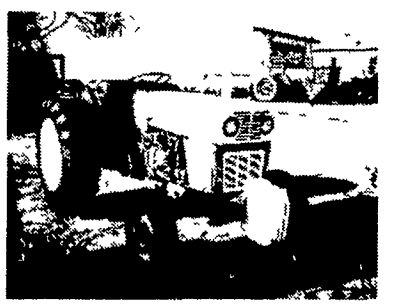


LONG 560DT - New - 4 WD
Excellent
**$8250**

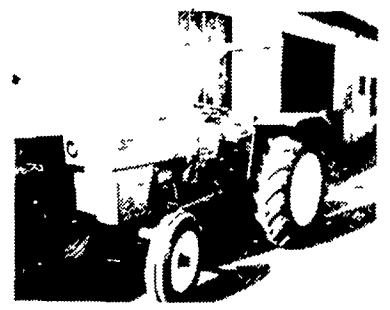
1970 Chevy C50 w/New 16' Omaha
Grain Dump - 5 & 2 - PS - Low Miles
Very Good
**$9850**



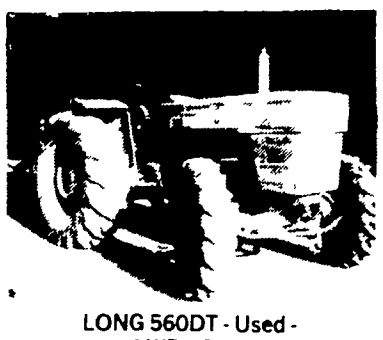
MF 1100 - LP-Gas
Good
**$3500**



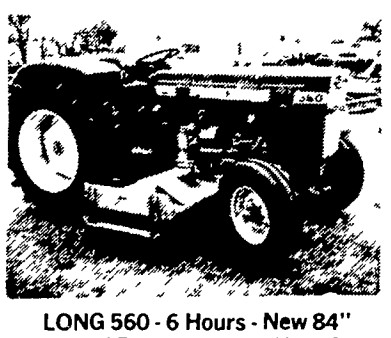
(2) LONG 360's - New
Excellent
**$5700 - $5500**



LONG 460 - DEMO.
Excellent
**$5850**

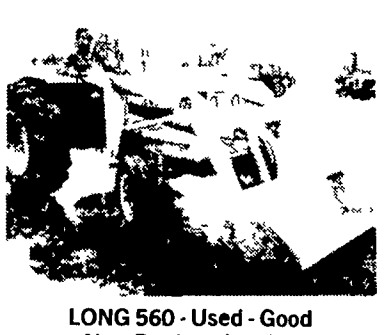


LONG 560DT - Used -
4 WD - Good
**$6500**



LONG 560 - 6 Hours - New 84"
Industrial Rotary Mower - Very Good
**$7000**

LONG 1110DT - "NEW" - 3 pt
PTO - 4 WD - Excellent
**$13,750**



LONG 560 - Used - Good
New Dunham Loader
**$6500**

LONG 560 - 10 Hours - Demo
Very Good
**$6500**

LONG

# WENGER'S INC.

LONG

HOURS
Mon thru Fri 7 30 - 5 00
Sat Mach Dept 7 30 3 00
Parts Dept 7 30 Noon

**South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown**

**PHONE: Days 717-866-2135, Nights 717-866-7147 OR 717-273-9089**

# THE FOLLOWING IS AN EXPLANATION OF TERMS USED IN DESCRIBING EQUIPMENT!

**EXCELLENT:** Recentiy purchased. Limited use. Probably shows some evidence of handling and use, but in practically new mechanical condition. Under 1000 Hours.

**VERY GOOD:** In exceptionally good mechanical condition. May have been overhauled or may never have been used enough to require overhaul.

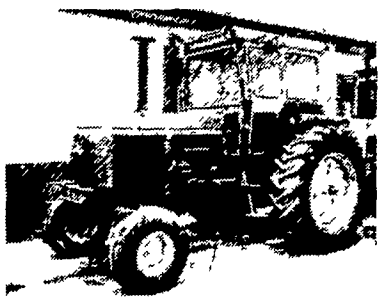
**GOOD:** No known mechanical defects except any that may be described. In operating condition, but may have some worn parts that will need repair or replacement soon.

**FAIR:** Has seen considerable service and may require general overhaul soon. May be old or may have suffered hard use.

**POOR:** Has seen hard service. Is worn and needs repairs.

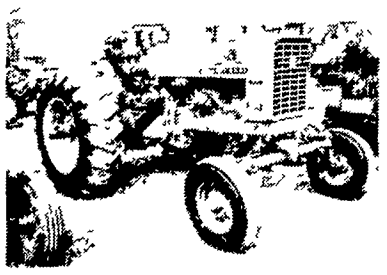
**★ NOTICE ★**

These categories of condition are believed to describe the equipment and have been conscientiously set forth by the owner. The equipment is available for public inspection and the foregoing is merely a guide. The condition as set forth on each piece is in no way a warranty or guarantee, actual or implied.

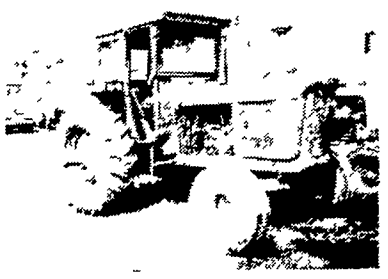


JD 4430 - Rollbar Cab - Air - 1973
2500 Hours - Quadrange - Very Good
**$17,500**

Case 1030 - Cab - 2500 Hours
Very Good
**$8500**

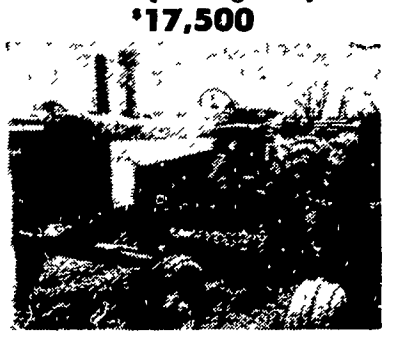


Farmall 656 Diesel Hydro
New Paint - Very Nice - Good
**$6950**



JD 5020 - Good
**$7500**

JD 2030 - Hi-Lo Shift; -
1800 Hours - Good
**$6950**



JD 730 Diesel - WF - 3 Pt. - Good
**$3500**

1979 Chevy Silverado 4WD Pickup
Air - PS - PB - Auto - Dual Tanks
Power Window - AM & FM &
40 Channel CB - Tilt - Cruise -
Much More - ½ ton & ¾ ton -
Both Under 10,000 Miles
**$8850 to $9250**

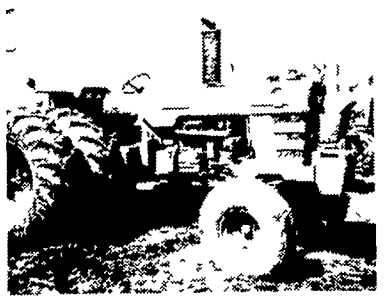
1972 Chevy C60 - 4 & 2 - PS - 14'
Double Piston Dump - Air Brakes - Good
**$6900**

1962 Ford - 4 & 2 - 16' Dump Bed
Good
**$2900**

1973 Ford C900 - 22' Bed - PS
Air Brakes - 5 & 2 - Air Conditioned
Good
**$?500**

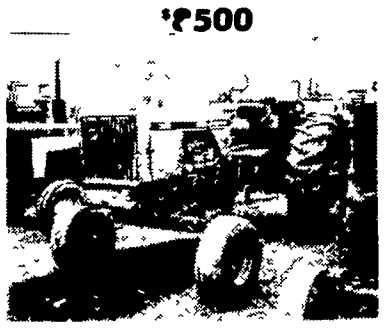
1978 Chevy 4WD - Scotsdale - PS - PB
Auto - 5000 Miles - Reg. Gas - Excellent
**$6750**

Ford 9600 - 1 New Tire
Fair To Good
**$8900**

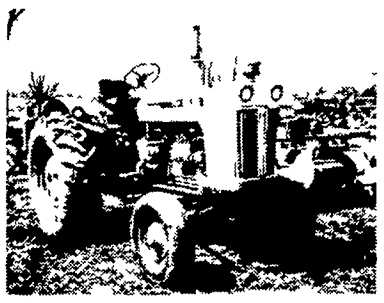


MF 1130 - Duals
Weights - 1970 - Good
**$7500**

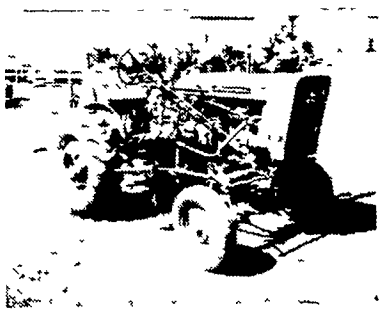
Farmall 1206 - Cab -
Good
**$9000**



AC 200 - 1973 - Fair
**$7875**

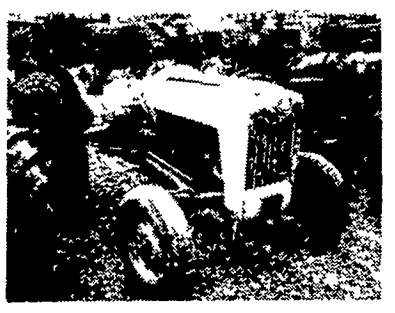


Case 930 Standard
Very Good
**$4000**



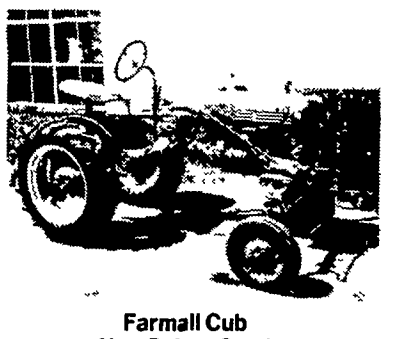
Int. 140 w/Cult. - FH
Good
**$3500**

AC 190XT - Very Good
**$7500**



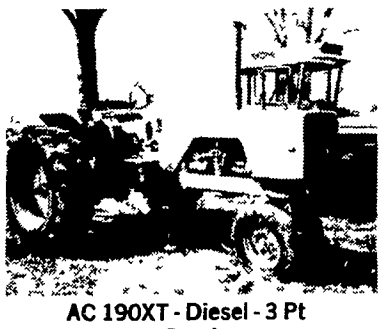
Ford NAA - Good
**$1650**

Oliver 1900 - Cab - GM Diesel
Good
**$5500**

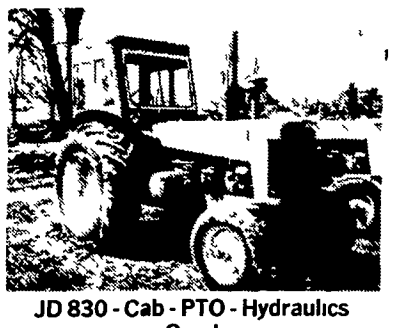


Farmall Cub
New Paint - Good
**$1900**

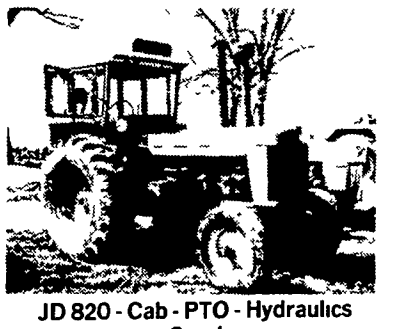
Farmall 706 Diesel
Tricycle - Fair
**$3900**



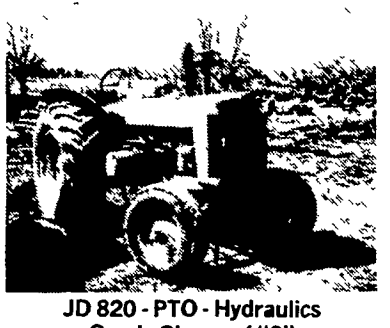
AC 190XT - Diesel - 3 Pt
Good
**$4750**



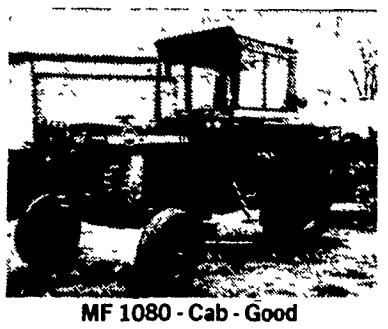
JD 830 - Cab - PTO - Hydraulics
Good
**$3950**



JD 820 - Cab - PTO - Hydraulics
Good
**$3950**



JD 820 - PTO - Hydraulics
Good - Choice of "2"
**$3950**



MF 1080 - Cab - Good
**$7500**

**FOR MORE WENGERS EQUIPMENT VALUES, TURN THE PAGE**

LONG

# WENGER'S INC.

LONG

HOURS
Mon thru Fri 7:30 - 5:00
Sat Mach Dept 7:30 - 3:00
Parts Dept 7:30 Noon

**South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown**

**PHONE: Days 717-866-2135, Nights 717-866-7147 OR 717-273-9089**

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NEW IDEA FARM EQUIPMENT · case · GEHL Gets into your system

# A.L. HERR & BRO.

Quarryville, PA 17566
717-786-3521

## —USED EQUIPMENT—

**TRACTORS**

David Brown 885 gas w/loader, clean
Case 970 Cab
Case 1070 cab, air
Case 830
MF 135 w/mower
MF 20 loader
AC D17 gas, cab

**NEW IDEA EQUIP.**

Hay Crimper
Manure Spreaders mod. 202, 212, 213
325/314 Picker-Sheller
330 3 row Picker
314 Sheller Unit
323 1 row picker

**UNI-SYSTEMS**

NI 701 Tractor
NI 760 Harvester
NI 2 & 3 Row Head

**MISC. EQUIP.**

Brillion Cultimulcher
Gehl 1500 Round Baler
Gdn. Tct. Rotary Broom
Ground Drive Spreaders
JD #18 Corn Picker
6 Ton trailer
Case 2 row planter
Dunham cultipacker
Ontario grain drill
Ferg. 3 pt. bar mower
36' King Wyse elevator
Gehl 115 Grinder Mixer
OMC 117 Grinder Mixer
Wetmore 878 Grinder Mixer

**FORAGE EQUIP.**

AC 782 Harvester
Assorted Heads
Fox-Table Blower
JD 216 Forage Box
AC Forage Box, w/roof
Grove Forage Box
Fox Blower

## FOR SALE

(2) Harvestore silos 20x70 unldrs (1 Goliath & Hercules)
1 Fickes Silo, 26x80, 1 yr old
1 Gehl 800 recutter
1 Ford 318 blower
1 Stationary feed mixer, made by Butler-Oswald, includes electronic scales
1 Davis feed grinder
4 Patz feed conveyors, including motors, hoppers & discard shutes
2 6" augers, 16' long ea.
1 Harvestore belt feeder, 288' long, including control panel
4 Agway heated water bowls
2 Clay heated water bowls
2 feed bins, 20 tons ea.
1 Patz silo unloader for 24 to 30' silo
1 Patz barn cleaner
Patz barn cleaner parts including drive unit
300 free stalls, made of galvanized 2½" pipe
9 4'x6' rubber mats for parlor floor
6 Show-ease tie stalls
2 Maternity pen stalls
18 steel gates, some 10' to 12'
1 corn crimper
1 Davis feed mixer
75 Fiberglass on wood frame vent panels, on hinges 8' long x 16" high
60 tons of 3rd Alfalfa hay, reconstituted, $50 a ton, 22% moisture
5500 bu. of high moisture corn, $75 a ton
300 tons of corn silage, dry, $12 a ton

**PH: 215-367-7400**

## The Time Is Right . . . The Price Is Right!!

*This Week's New Equipment Special...*

★ **MODEL 501 FORD 3 PT. HOOKUP SICKLE BAR MOWER**

• Pitman Type with 7' Heavy Duty Bar & 2 Knives . . . . . **$895**

★ **MODEL 515 FORD 3 PT. HOOKUP SICKLE BAR MOWER**

• Belt Driven with 7' Heavy Duty Bar & 2 Knives . . . . . **$1095**

**WHATEVER YOUR EQUIPMENT NEEDS, STOP IN OR CALL . . .**

Sales & Service On:
• Ford • New Idea • New Holland

# WALTER G. COALE, INC.

2849-53 Churchville Rd.
Churchville, Maryland
Ph: (301) 734-7722 or (301) 879-1434

## TRACTORS COMING IN

Long 460-4WD w/loader-Used
[3] Long 560-4WD-All tires the same size - Used
Farmall Super M
[2] MH 44

## NEW ROTARY MOWER SPECIALS

**5' 3 pt. $425**

## CRAWLER LOADERS

| | |
|---|---|
| Hough-Diesel | $2500 |
| [5] Cat 933's | $5900-$6750-$6750-$8750-$9750 |
| Case 450 | $6850 |
| CAT 933 - wide pad-wide bucket-42A series - swamp machine | $8500 |
| Int 125C - ROPS - Powershift - 1971 | $13,500 |
| Int 125 - ROPS - Ripper - 4 in-1 bucket - 1973 | $17,500 |
| MF 500 - ROPS - | $18,500 |
| CAT 931 - 1974-ROPS-Powershift-Pedal Steer | $24,500 |
| CAT 941 - 1969-Powershift-Pedal Steer-Cab-New Bottom | $24,500 |

## CRAWLER DOZERS

| | |
|---|---|
| Int. TD 6 w/Ripper - Diesel | $5500 |
| JD 350-1500 Actual Hr (SOLD) | $6500 |
| Int. 500C 6 way-Diesel | $7500 |
| [2] Michigan 180-GM V6 Diesels - Rubber Tired | $9500 each |
| Int. TD8C - powershift - 6 way - 1971 | $16,500 |

## LOG SKIDDERS

| | |
|---|---|
| Franklin - New Tires - 160B | $12,500 |
| [2] JD 540 - Powershift | choice $13,500 |
| JD 440B 19 (SOLD) | $13,500 |

## FORKLIFTS

| | |
|---|---|
| Clark 5000 lb. | $1250 |
| White 3000 lb | $4500 |
| Yale 3000 lb. | $4850 |
| MF 2200 - 1972 - Diesel | $4950 |
| JD 480 - | $6500 |
| Motolift 6000 lb | $1000 |
| York - Baker - 7000 lb | $11,500 |
| Case 586 - 1974 - New Tires - Diesel | $14,500 |

## CONSIGNMENT SALE

**MONDAY, JUNE 18**
**10:00 A.M.**

## FIELD CULTIVATORS, CHISEL PLOWS & HARROWS

JD Field cultivator 19'
(2) JD Field cultivators w/wings, 20'-18'
Glenco 9' soilsaver
10' Athens chisel plow 3pt
Kewanee 9' pull chisel plow
Ontario 12' wheel harrow
Ontario 16' wheel harrow w/wings
Ontario 20' wheel harrow w/wings
Brillion 16' wheel harrow w/wings
Kewanee 13'-3pt harrow w/wings

## CORN PLANTERS

IH 6x30 air, liquid, clean
IH 6x40 air, liquid, clean
IH 4x air, dry, clean
JD 6x30 dry, (1250)
(2) IH 56, 4x, dry
JD 246 2x, 3pt
JD 290 2x, pull

## PLOWS

IH 4x semi reset
(4) IH 5x semi reset
(5) IH 6x semi reset
White 6x18 semi reset
JD 6x16" semi
JD 5x16" semi
JD 5x18" semi
JD 3x16 pull
Oliver 5 or 6x18" semi
(2) Oliver 5 or 6x16" semi
IH 710 5x16 semi
IH 3x14" pull
IH 311 3x16" FH

## COMBINES

| | |
|---|---|
| MC 76 | $150 |
| JD 30 pull type | $1000 |
| NI 710 Uni Combine | $2350 |
| Int 205 w/cab | $3500 |
| [2] Int. 203 | $3750 |
| Int 82 pull type | $3750 |
| JD 40 - 10' Hume Reel - nice | $3750 |
| JD 45 w/cab - 10' head | $4250 |
| NI 701 Uni Tractor w/cab | $4500 |
| JD 45 Square back w/cab | $4750 |
| [2] Gleaner CII w/cab | $5750-$6250 |
| Int 315 w/cab - 10' head | $6500 |
| Gleaner EIII w/cab | $6750 |
| Int 205 w/cab | $6750 |
| NI 702 Uni Tractor w/cab (Tractor) | $6750 |
| MF 410 w/cab | $8250 |
| MF 510 w/cab - quick tach | $8750 |
| Gleaner K w/cab | $8900 |
| Int 715 w/cab-Hydro | $12,500 |
| JD 4400 w/cab - 1500 hours | $15,000 |

## BACKHOES

| | |
|---|---|
| Long 1199B - 3 pt New-with pump | $4000 |
| Int 3616 - 1969 - Diesel - Hydrostatic | $5500 |
| Long 5-in-1 Diesel | $5900 |
| Int 3800 - Diesel -4WD-cab Powershift | $14,500 |
| [2] JD 310 Diesel - ROPS - 1973 | choice $15,500 |
| Long 5-in 1 Diesel - 4400 Crane-cab 300 Hours | $25,000 |

## DUALS

[2] 18 4x38 Snap on - $695
[2] 15 5x38 Axle - $495
18 4x30 Snap on - $695
[4] 18 4x34 Axle - $695
[2] 14 9x38 Axle - $595
15 5x38 Snap on - $295
18 4x38 Axle - Factory Deere - $995
18 4x38 Axle - $795
18 4x34 Snap on - $595

## MISC. CONSTRUCTION

| | |
|---|---|
| Eager Beaver 1 ton roller - 1972 | $1750 |
| Eager Beaver 2 Ton Vibratory-Hydrostatic (SOLD) iler - 1975 | $3500 |
| [2] Wood Chippers - | $4000 each |
| 1972 Ford F350 w/14' Swartz Rollback | $5500 |
| Michigan 125 Diesel 4 WD Loader | $5750 |
| Davis - DH5 trencher - new | $15,500 |
| Terex 72-41 Rubber Tired loader-cab-articulating - | $19,500 |
| 1979 Int 4200 w/26' Jerr Dan Rollback | $49,500 |
| [150] Backhoe & Loader Buckets | |
| Forklift Forks | |

## DISCS

Wilbeck Offset 13'
JD Offset 10'
IH Offset 12'
(2) IH 480 w/wings, like new, 23'-18'
(2) IH 37 on wheels, like new, 10'-14'
(2) JD BW w/wings 16' & 20'
JD RW on wheels, like new 13'
JD KBA on wheels, like new 8'
JD KBA pull type, like new 11'
(4) Oliver Wheel Discs like new, 12' & 11'
Oliver w/wings 20'
White 253 w/wings, like new, 18'
(2) New Imco on wheels 9'6" & 7'

## TRAILERS

| | |
|---|---|
| [30] New Hudson ½ ton to 18 ton Tag-A-Longs in stock - | $395 & up |
| 8 Ton Lowboy w/beavertail | $2500 |
| 25 Ton Lowboy w/tandem axle | $4500 |
| 1978 Fontaine 42' drop d (SOLD) | $9500 |
| 1977 Delta 44' drop deck w/beavertail | $10,750 |
| 1969 Great Dane 35 Ton Detachable | $13,750 |

## CORNHEADS

[3] AC EIII 240
AC FL330
[2] AC A240
[4] AC E240
[2] AC KL238
AC A330
[3] AC C440
AC C430
AC F430
AC GL440
AC C630
[4] JD 210
[5] JD 205
[2] JD 10
[7] JD 234
[2] JD 313
[2] JD 435
JD 434
[2] JD 343
JD 244
JD 443
[2] JD 334
JD 335
[9] IH 227
IH 228
[3] IH 229
IH 22
[2] IH 327
[2] IH 329
[3] IH 429
[3] IH 733
IH 744
[2] MF 33
MF 63
[2] MF 422
[2] MF 421
MF 44
[3] MF 22
MF 20
[4] MF 222
NH 922
NH 4x40
[2] Oliver 4x40
[2] Oliver 4x30
Oliver 704W
[2] Oliver 531
Oliver 512
Oliver 522
MM H210
[2] MM H942
[2] Case 345
Case 404
Long 6x30
[17] Long 4x40
Long 5x40

LONG

# WENGER'S INC.

LONG

South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown

**PHONE: Days 717-866-2135, Nights 717-866-7147 OR 717-273-9089**

FARM EQUIPMENT

MF
Massey Ferguson

## NEW AND USED FARM EQUIPMENT

Ford 4000 Tractor on steel . . . . . $3400.
MF 275 Diesel Tractor . . . . . $10,700.
MF 97 4 Wheel Drive. . . . . $4200.
MF Super 90 Diesel Tractor . . . . . $3800.
MF 65 Diesel Tractor on steel . . . . . $2000.
MF 6-row 30" Corn Planter. . . . . $475.
MF 760 Combine
MF 750 Combine
MF 510 Combine
MF 300 Combine

**M. M. WEAVER & SONS, INC.**
LEOLA, PENNA. 17540
PHONE: 717-656-2321

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

FARM EQUIPMENT

## FARM EQUIPMENT FOR SALE

JD baler, auto. wire tie, pull behind wagon attach. $900.
NI 1 row corn picker, $300.
22' single tobacco ladder w/rubber tires, $200.
Side delivery rake w/steel wheel, $150.
Single row tobacco planter, $100.
Manure Spreader, 4 steel wheels w/wood box, ex. cond. $250.
Grain drill, steel wheels, horse drawn type, $200.
30' bale elevator, complete w/1 h.p. motor, $400.
17' Dodge City auger grain elevator, $150.
Hammermill, belt driven table feed w/bagger, $250.

If Interested
Call:
**717-393-9891**

FARM EQUIPMENT

For Sale - 4-row AC corn planter, extra plates & hyd. cyl. included. 4 bottom high clearance 16 in. AC plow with or without snap coupler. Harford Co., MD 301-836-1608

FARM EQUIPMENT

case®

(1) New Case 990 Tractor $8,800.
NH 277 Baler, good condition, no thrower
NH 268 Baler w/thrower
NH 467 Haybine
NH 923 3-row shelling head for combine
IH Crop Chopper, like new
NH 33 Crop Chopper
NH 36 Crop Chopper
MF 750 Combine w/13' grain table & 6-row corn head, used 3 seasons, really nice
Walsh 300 gal. Sprayer

**Paul Shover's Inc.**
35 East Willow Street
Carlisle, PA
717-243-2686

FARM EQUIPMENT

John Deere 1975 model 230 22' disc harrow with hyd. folding wing, new front blades
6 row White corn planter, plateless with insecticide attachment, liquid fertilizer attach.
IHC 6 row plateless planter w/insecticide attach. & fertilizer
Allis Chalmers 6 row planter with fertilizer attach,
2159322929.

FARM EQUIPMENT

For Sale - Int. 56 2 row corn planter; Ford 3 pt. #309 2 row corn planter; MF 3 pt. 4 row corn planter; Oliver 9' Haybine, like new; NH 450 3 pt. mower; NH 461 Haybine; Pittsburgh 3-16" 3 pt. plow; Farmall Cub equipment including plow, cultivator, sickle bar mower & disc. All in good condition. 215-679-9010.

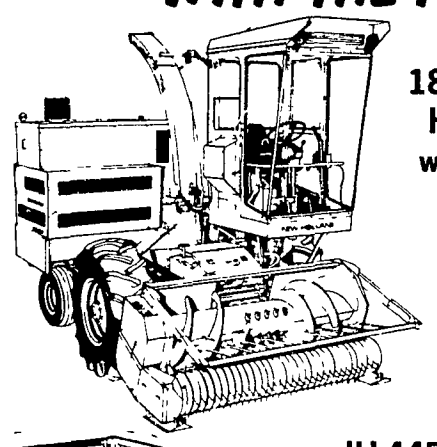
## New International Tractors & Equipment
## New Kubota Tractors  New Ford Equipment

New Ford Model 2600 tractor
New Ford Model 3600 tractor
New Ford Model 4600 tractor w/cab
New Ford Model 6700 tractor w/cab
New Ford Model 8700 tractor w/cab
New Ford Model 537 haybine
New Hesston Model 1010 haybine
New Hesston Model 10 Stak Hand
New Brady #722 Chopper
Used AC #720 Chopper w/ 2 row corn head
Used Ford 612 Chopper
Used Grove hay wagon w/707 running gear 16 ft.

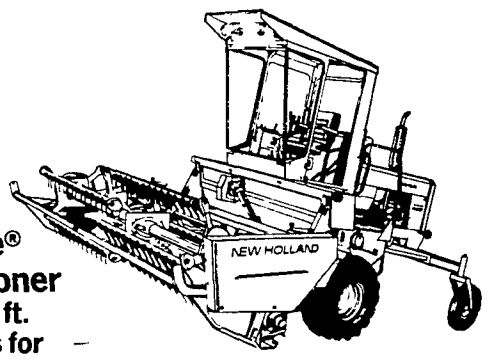
Ford Tractors Equipment

**STRALEY FARM SUPPLY, INC.**
1760 East Canal Road, Dover, PA 17315
717-292-2631 or 717-292-4443

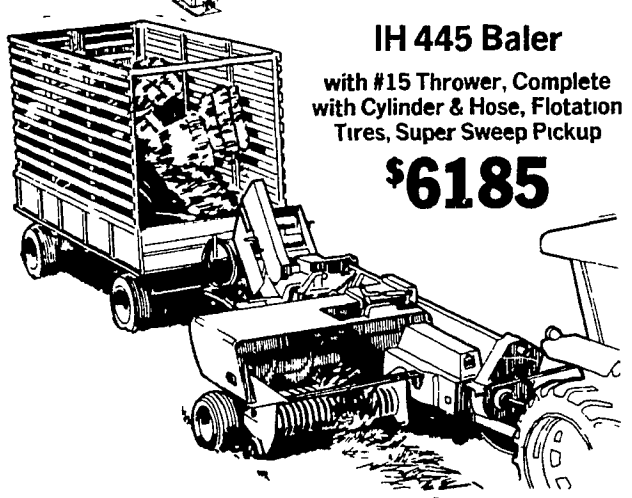
# QUALITY HAYMAKING BEGINS HERE WITH THE RIGHT COMBINATION!



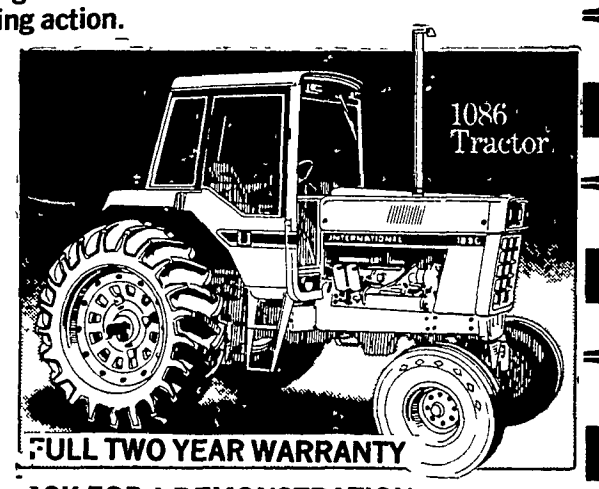
**1895 Forage Harvester**
with windrow pick-up.



**1495 Haybine® Mower-Conditioner**
12 ft. cut with 9 ft. conditioning rolls for faster drying action.



**IH 445 Baler**
with #15 Thrower, Complete with Cylinder & Hose, Flotation Tires, Super Sweep Pickup
**$6185**




FULL TWO YEAR WARRANTY
ASK FOR A DEMONSTRATION

**WAIVER OF FINANCE ON SPREADERS AND GRINDER MIXERS**

## OUTSTANDING GOOD USED EQUIPMENT

630 JD Tractor
Super MTA Tractor, wide front, 3 pt. hitch
Farmall M Tractor w/loader
Super C Tractor, plow, cult.
Satoh 28 Hp w/loader, Excellent unit for poultry house

International 110 Forage Box, 3 Beaters - High Sides - Roof, Zimmerman 10 Ton Gear with 1100L-15 8 Plys - Adjustable Hitch, Special Only One
**$3195.00**

NH 320 Baler & 70 Thrower
NH 479 Haybine
NH 469 Haybine
IH 225 Hay Conditioner
IH 1300 3 pt. Mower
NH 259 Hay Rake

IH 311 3 bottom Plow
NH 469 Haybine
IH 225 Hay Conditioner
Fast Hitch Mower
IH 1300 Mower
NH 68 Baler
IH 46 Baler
700 automatic reset 6-bottom Plow

NH 717 Forage Harvester, excel. condition
John Deere 66 Blower
NH 510 Spreader, Hyd. Gate
NH 675 Spreader
New Idea Single Beater Spreader
Hawk Tank Spreader
NH 475 Spreader, 3 beater

Ontario 14 Disc Grain Drill
NH 352 Grinder Mixer
27 WHIRL-O-FEED Blower
211 Fast Hitch Rotary Cutter
531 5 Bottom Plow
200 Gal. Century Sprayer

★ JUST RECEIVED ★
New Shipment Of New Holland Skid Steer Loaders

YOUR FULL SERVICE DEALER

# MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT - RT. 283  ELIZABETHTOWN, PA.
PHONE: 717-367-1319 — 653-8867
M. DALE HERR - HOME 859-2490  WARREN SPICKLER - HOME 653-4560

SPERRY NEW HOLLAND

SPERRY NEW HOLLAND case

GEHL, BUSH HOG
## NEVIN N. MYER & SONS, INC.
RD1, Chester Springs, Pa.

New Holland has free Finance on manure spreaders and grinder mixers starting April 27th until Sept 1st Special price on 513 manure spreaders in stock

**CASE TRACTORS UNDER 90 HP**
1 Model 885, 2 model 995's 1 model 990
**YANMAR TRACTORS**
YM 135 TD 4 wheel drive 13 hp turf tires $3,675 00
YM 155 AD 4 wheel drive 15 hp ag tires $3,850
**VICON FERTILIZER SPREADER**
PS 400 3 pt hitch 600 lb capacity $625
PS 500 3 pt hitch 900 lb capacity $675
PS 1001 trailer type 2400 lb capactiy $1895
**GEHL FORAGE EQUIP. IN STOCK**
FB 99 Blower
BU 920 Forage Boxes 6' sides w/screen section, pintle aprons, 3rd btr. and roof. And Free Finance
FC 72C Flail Chopper
**NEW STARLINE ROTA SPREADERS IN STOCK**
Extra Discount The Earlier You Buy
Models 930,950
**NEW TILLAGE EQUIPMENT**
Case 400-35 spring auto reset mould board plow, 18" bottoms, 20" ripple blades, AF bearing spring cushion coulters, in-furrow hitch, steel trash board, hill side attch , 9 5Lx15" rear tires
Bush Hog
(1) 1432-127 Tandem Disk Harrow 20" blades 10'6" cutting width $1,795 00
Glencoe SSP-7 Soil Saver $4,195 00
2 Case 1805's, 3 pt , hitch chisel plow, 5-32 spring cushion clamp & shanks
(2) Case 1800 3 pt hitch chisel plows, 10 ft frames, w/ext 12-32" spring cushion shanks, $1695 ea

**MISC. NEW EQUIP.**
Sidewinder 7' Trailer Rotary Mower
Sidewinder 5' 3 pt. hitch Rotary Mower
Kuhns GF 440T hay tedder Bushong 6' & 7' rotary mowers

**MISC. USED EQUIPMENT**
MC 600 Continuous Flow Dryer
1971 White Freightliner cab, over 318 Detroit Diesel rebuilt with only 6,000 miles, 13 speed, Road Ranger, Wet Line, 24 ft dump trailer, 850 bushel capacity, current inspection.

**TRACTORS**
Oliver 77 Gas
Case 970w/cab, air, heater, power shift trans , & turbo charged
David Brown 1212
8N Ford
AC WD Diesel w/loader

**HAYBINES & MOWER CONDITIONERS**
NH 460, 461
NH 469, 479

**FORAGE HARVESTERS**
NH 717 w/hay pickup or corn head
NH S717 w/hay pickup or corn head
Gehl CB 600 w/hay pickup and corn head
NH 880 N2 corn head

**FORAGE WAGONS**
(1)NH #7
(1) JD 214

**GRINDER MIXER**
NH 357 w/Loading Auger

**MOWERS**
NH 451 Sickle Bar
IHC Sickle Bar for Cub
Sunmaster 72" 3 pt. hitch MF 72"

**BLOWERS**
NH 23
NH 27
766 Lanc. Level Flo Silage Dist. w/24' Gooseneck

**BALERS**
NH 271 w/PTO thrower, rebuilt and repainted
NH 268 w/PTO thrower
NH 1281 SP wire tie NH S78 w/PTO thrower

**MANURE SPREADERS**
NH 675 single beater
NH 676 single beater
NH 346 Tank Spreader

**SKID STEER LOADER**
Case 1740D
Wilmar 3300

**Call Ken Myer**
**215-827-7414**

FARM EQUIPMENT

# PATZ SALES & SERVICE

**SEE US FOR**

- Barn Cleaners
- Silo Unloaders
- Tank Spreaders
- Conveyors and Feeders

**LANDIS & ESBENSHADE**
RD #2, Box 283
Quarryville, Pa.
Call Jim at
786-4158

FARM EQUIPMENT

**SPECIAL OF THE WEEK**

## 54" BADGER BLOWER

Ask For Free Trial!
Watch For Open House Sale
(5 Trailer Loads)

CAR, TRUCK & TRACTOR CHAINS IN STOCK

## EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Also:
Registered Holstein Bulls

**SHOW-EASE STALL CO.**
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

FARM EQUIPMENT

USED TRACTORS
(2) AC 190XT Diesels
IH 444 w/loader
JD 4320
(2) JD 4020 Dsl Power Shift
JD 1520
JD 1020 w/loader
Case VAC
Balarus 520 Diesel
4, 5, & 6 bottom semi-mted plows

NEW EQUIPMENT
Fertilizer Spreaders and Gravity Bins In Stock

SAYLER'S FARM SERVICE
Garrett, PA 15542
814-634-5034

FARM EQUIPMENT

## FORRESTER BROS. FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
We Service What We Sell.

5 JD 4020, 4w/cabs,
2 JD 4010
JD 3120 cab
3 JD 2130
3 JD 2120
JD 2020
Ford 8000
2 Ford 7000
Ford 6700
Ford 5095
7 Ford 5000
2 Ford 4000 1 S U
4 Ford 3000
Ford 801
Ford Roadless 95 4 wd
Ford Roadless 65 4 wd
2 Int 1066, cab
3 Int. 574 1 w/cab
MF 1080

Field Ready Tractors.
Potatoes $1.50 Bu. Field Run

FARM EQUIPMENT

WHITE Farm Equipment

SPERRY NEW HOLLAND

## USED EQUIPMENT

**TILLAGE - PLANTING**
Oliver 540 4-Row Planter
Oliver 365 CT 3-16 Mtd. Plow
Oliver 312 3 pt. 2-Row Planter
AVCO Insecticide Boxes for 4 or 6 Row Int Planter
JD 16 ft. Harrow
IHC 58 6-Row
White 5400 Planter

**TRACTORS**
Oliver 770 Gas
Oliver 1465
Long 560
JD "A"
JD "50"

**HAYTOOLS**
IHC 37 Baler w/PTO Thrower
JD 24T Baler w/Ejector
NH 402 Crimper
NH 401 Crimper
NH 469 Haybine
NH 479 Haybine
Case 555 Haybine

**FORAGE TOOLS**
NH 717 Harvester w/1-Row
NH 27 Blower
IHC 350 Harvester w/1-Row & Pickup
JD 12 Harvester w/2-Row & Pickup
IHC 550 w/2-Row & Pickup
IHC 650 w/2-Row & Pickup
Lamco 16' 3 Beater, Roof with 8 Ton Gear
Fox 546 Harvester w/1-Row
Case Hopper-Blower

**COMBINES & CORN PICKERS**
JD 227 Picker

**SPREADERS & GRINDER MIXERS**
JD 44
NH 327S
NH 327T
NH 516T

## NEW EQUIPMENT IN STOCK

**WHITE**
2-50 Tractor
2-60 Tractor
2-70 Tractor
2-85 Tractor
2-105 Tractor
2-135 Tractor
**WHITE**
543 4R Planter No Till
543 6R Planter No Till
5400 4R Planter No Till
5400 6R Planter No Till
**WHITE**
348 - CT & SAR Plow
508 SAR 4-B Plow
**WHITE 251 10'4" disc**

**WHITE 8600 Combine Diesel Hydrostatic w/13' head & 4-Row Cornhead**
**N.H. 310-315 Balers**
**N.H. 850 Round Baler**
**N.H. 256 - 258 Rakes**
**N.H. 478, 488, & 489 Haybines**
**N.H. 890 Harvester**
**N.H. 8 Forage Box**
**N.H. Spreaders - All Sizes**
**Vicon 3 pt. Fert. Spreader**

**NEW MACHINERY SPECIALS**

| | |
|---|---|
| McConnel 12' Harrow | $575 |
| Vicon PS 600 | $ 810 |

| | | |
|---|---|---|
| White 260 Diesel Tractor | | $9,995 |
| White 251 10'4" Disc | | $1,925 |
| White 255 11'6" Disc | | $2,595 |
| White 543 4-row, no-till, insecticide, dry fertilizer, acre meter | | $4,150 |
| White 543 6-row, no-till, 4-wheel insecticide, dry fertilizer, acre meter | | $5,895 |
| White 5400 4-row, no till, insecticide, dry fertilizer, acre meter, SM-3 monitor | $5,195 | Now $4,995 |
| White 5400 6-row, no till, 4-wheel insecticide, dry fertilizer, acre meter, SM 3 monitor, gauge wheels | $8 695 | Now $8,395 |
| White 5400 6-row no-till, 4-wheel insecticide, liquid fertilizer, acre meter SM 3 monitor, chisel teeth, gauge wheel | $8,895 | Now $8,595 |
| New Holland 371 tank spreader, used tires, auto-fold down panel, hydraulic lid opener, 331 cu ft | | $4,995 |

ALL EQUIPMENT LISTED F O B HONEY GROVE
- NO TRADE INS. -

DUNHAM - BRILLION - LAMCO - LONG

**NORMAN D. CLARK & SON**
Honey Grove, PA 17035 - Phone 717-734 3682
Located 14 Miles South Port Royal on Rt 75

DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO

FARM EQUIPMENT

**Don't Forget We Have in Stock, Ready for Delivery**

## ...THE ALL NEW IH MODEL 3588 4-WHEEL DRIVE ROW CROP TRACTOR

**2 YEAR WARRANTY ON NEW IH TRACTORS**
- Models 886 to 1586
- We Have a 4586 Tractor In Stock & Ready For Delivery... Factory Rebate Available Til May 31st.

**FULL LINE OF TILLAGE EQUIPMENT IN STOCK AND READY FOR DELIVERY!**

**FAHR KH 40 16' HAY TEDDER IN STOCK... READY FOR DELIVERY!**

**AVAILABLE NOW!**
LATE MODEL GLEANER M COMBINE
With 4 Row Narrow Corn Head And 13' Grain Platform Low Hours!

## USED EQUIPMENT

**TRACTORS**
AC 7060 Loaded 213 Hours
AC 190 XT Diesel
(2) IH Super 'A" with Mower
JD Cyclo A Tractor
IH 230
IH 350 D
IH 350 Gas
IH 504 Gas
IH 560 Gas
IH 560 Gas Standard
IH 1066 Diesel with Cab & Air
IH 766 Gas with wide Front End, 3 pt Hitch
IH 500 C Loader
Oliver 60
Oliver 66
Oliver 70
MF 35 Gas Tractor with Loader
8N Ford
Farmall A with Cultivators & Equipment
Farmall H
2 Farmall Cubs
(2) Farmall M's 1 with Loader
VAC Case w/Blade & Mower $1,100!
MM G1000 Vista, Real Nice!

**HAY EQUIPMENT**
Int 990 Mower Conditioner, 9 ft used $3200!
Int 990 Mower Conditioner, 9 ft New $3800!
IH 435 Baler without Thrower, like new
Case 655 Self Propelled Windrower, 8 ft
Hesston 420 Self Propelled Windrower, 10 ft with cab & air
Sickle Bar Mower for JD A or B
Vicon 3 pt Hitch Disc Mower, like new
Gehl FH 84 Field Harvester with hay pickup & 1 row corn head
NH 611 Chopper with 1 row head & direct cut
NH 275 w/Thrower
NH 266 Stalk Shredder Attach
(2) IH 550 Chopper w/2 row narrow head & pick up head
Brady 2 Row Shredder
IH No 50 Shredder, 4 Row
JD 15 Flail Chopper

**TILLAGE.**
Bush Hog 5 Shank Sub soiler
Oliver 6 Bot Regular Trip Plow
JD 3-Bot 3 pt Hitch Plow
IH 411 4-Bot , Fast Hitch
IH 475 Disc Harrow, 11'6" 7" spacing
IH 401 Pull Type 12' Harrow
IH 480 12' Disc Harrow
Bush Hog 18' Wing Disc Harrow
JD 12 AW Disc Harrow
JD 3 Bot 16 ' pull type plow
IH 55 2 Rank 11' chisel
IH 55 13' pull type chisel
Pittsburgh 4 row Cultivator, 3 pt hitch
JD 4 row wide cultivator 3 pt hitch
JD 4 row narrow cultivator, 3 pt hitch

**MISCELLANEOUS**
IH 234 2 row Mtd Picker Sheller
JD 694 6-Row Planter
(3) IH 400 Cyclo 4 Row Planters
NH 510 Spreader
NH 512 Spreader
Int 130 Spreader
Int 175 Spreader with upper beater
Int 51 Forage Wagon
AC 13x7 Grain Drill
JD 15x7 Grain Drill, DD, combination
IH 510 21x7 Grain Drill, DD, combination
JD C380 Fertilizer Spreader, 3 pt
2001 Loader for IH 424
NI loader for Farmall

**McCURDY GRAVITY BOXES AND RUNNING GEARS AND AUGERS IN STOCK!**

**WE HAVE STARLINE ROTO-SPREADERS IN STOCK!**

**JOHN BLUE IN STOCK**
- 4 Ton Spreader
- 400 Gal. Sprayer

**PARTS IN STOCK!**

**ERB & HENRY EQUIP., INC.**
New Berlinville,
PA 19545
Ph: (215) 367-2169
Daily 7 to 5:30, Fri. till 9
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**SEE US FOR**
- DeLaval
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- IH Parts
- SunFlower Disc Harrows
- MC Dryers & Equip
- Artsway Dion Forage Wagons
- John Blue Sprayers & Equip
- Starline Roto-Spreader

FARM EQUIPMENT

FARM EQUIPMENT

## BALDOR ELECTRIC MOTORS

Warehouse and Factory Service
For Service Call 717-354-5566.
**BALDWIN ELECTRIC MOTOR DIVISION, INC.**
Box 232
Honey Brook, PA

**USED EQUIPMENT**

IHC 990 Mower Conditioner 9', Ex. Cond.
IHC 150 PTO Spreader
Farmall 460 Gas Tractor
Used Cub Cadets w/mowers

COPE & WEAVER CO.
New Providence
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FARM EQUIPMENT

**FOR SALE**

4-row N JD 7000 Maxi-Merge planter with no till coulters, and monitor, used 400 acres;
**717-365-3711**

**FOR SALE**

NI cut-ditioner, new, mowed 15 acres.
NI crimper, good condition.

**PHONE: 215-932-9050**

(COMBINES) NEW John Deere 7720 Hydro, fully eq.; New 7700 w/213 grain & 444 corn heads, 78 J.D. 6600 D w/444 corn head used 60 hrs. w/full warranty. New 4400 w/2 heads.

NEW JOHN DEERE 7000 - 4 row w/dry, plateless, Int. monitor. Tractors & Eq. - Ford 9600, cab, air, duals; Case 1070 w/cab; (SOLD) Farmall 986 w/cab & air used 110 hrs. like new; Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; John Deere 4230 w/cab, air, quad range; New John Deere 4640 cab, quad range; JD 4010 tri diesel; JD 4010 tri. gas; JD FBB grain drill w/ grass seed, excel. cond., real clean; JD #1600 14 tooth chisel plow, like new; New Holland 718 chopper, like new, Gleaner E Combine w/cab, grain and corn head; Farmall 966 Hydro extra nice, 1066 nice, JD 4430 w/rollguard, J.D. 4020 w/rollguard & dual hyd., used Farmall 986 w/rollguard - like new, Ford 7000 diesel w/new tires, AC 7030 w/cab & air, AC 220 diesel, J.D. 4430 cab, air, quad range, 1971 J.D. 4020, 3020 power shift. Farmall 1466 w/dual P.T.O. real nice - no cab. 1206, nice 856, Original Int. 424 w/loader, Farmall 856 w/new tires and new paint. A.C. 210D, w/new 20:8-38 tires, AC 180 Gas, JD 620 w/WF and 3 pt., real nice Used JD 2840, used JD 2640, MF 1135 w/cab and air and loader w/bucket and forks, JD 4020 w/cab, JD 1020, JD 4010D, Int. 574 diesel, Case 930 Standard diesel w/pulley, JD 3020 gas. MF 85 w/loader. Farmall 1026 Hydro, Farmall 706 diesel w/310 motor, JD 620, N.H. 282 baler w/thrower - extra nice. Int. 990 - 7 ft. haybine. Oliver 2255 w/V8 Cat D. (New) NH heads 2 row for 770, pickup for 770, Direct cut head for 770, Int. #700 - 6x trip plow. 1978 Farmall 1586 w/cab fully eq. w/duals, used 400 hrs. like new $27,000. Int. 4166 front wheel drive w/cab & 3 pt. $12,800. Farmall 1256 original $9800. 2 Farmall 856 w/no TA $6800 ea. 560 Gas w/F.H. AC 220 w/cab & air, 1 local owner, original for $10,500, 1969 AC XT190D, (SOLD) 1968 JD 3020 Power Shift, Ford 8000 dual for $6800. Oliver 1550 w/hyd. loader. Case 1530 (SOLD) Skid Loader. New Idea 272 Cutditioner, used 60 acres. MC 7 ft. Rotary Scythe, JD 24T Baler w/thrower, JD 410 grain wagon; NH 717-2 row- chopper, Gehl 99 Hi-throw Blower.

Farmall 966 - one owner; MF 1100D, MF 1080D, AC(SOLD) 185, JD 70D, Farmall 656 gas (as is) $2475.00, J.D. 6600 gas combine - real nice, N.H. 273 baler w/thrower, Int. 480 - 20 ft. wing disk, 2 used JD transport wing harrows.

MF 2 yr. old 260 chopper w/2-row corn & pickup head, elect. sharpener & controls (like new.)

Combines: Used J.D. 6600 Side Hill w/643 cornhead - 500 hrs. use, used JD 4400 gas w/2 heads, Used late Model Gleaner K w/cab, 12 ft. grain, K238 C.H. Gleaner K w/cab, 10 ft. grain, K240 corn head, M.F. 760 Combine w/6-row corn & 15 ft. grain. Int. 815 combine w/fire damage to engine, 744 cornhead & 13 ft. grain. Int. 203 w/grain and 227 corn head.

New Idea 702 Diesel w/cab, 729A sheller & 4 row corn head. Gleaner K330 corn head . New J.D. 4640 w/air, quad range., Farmall 1466 cab, air, Case 830 C.K. gas. J.D. 4320 w/cab &(SOLD) air. J.D. 2510 gas, J.D. 4320, Farmall 656 Hyd. gas, 756 gas. New Int. 1440 axial-flow combine fully eq. w/2 heads. (Tractors) (New) J.D. 4240 Cab air P.S. 2 Used 4430 w/Q.R. Farmall 1066, 856, 544 utility gas, 806 tri. diesel.

Farmall 1456 w/dual P.T.O. original, nice, Farmall 806D original, JD 7x plow on- land-hitch, Int. 3 pt. Vibra shank field cult., Int. 843 corn head, like new, 1566 cab &(SOLD) duals, Farmall 826. New White Transport Wing Harrow. (New) Eq. at Discount Prices. Following are all (new) & reduced to sell: MF 1105 w/cab & multipower list 23,200, my price 18,200 - only 1 left. Int. 445 baler $3975. Gehl 1090 haybines $4195. J.D. 244 corn head $2575. New Hesston 1010 Hydra Swing Haybine $4850; (New Demo) Gehl 1500 round baler $4475.00; New M.F. 44 Cornhead $6400.00; New Int. #710 Six X18 tripplow $2850.00; Int. 3 pt. 4- row rolling cult. (All above are new machines). Used N.I. 1 row picker, N.I. 323 for $1675. N.I. #10 for $875. Used Tractors: 856 w/front wheel drive, 1206 w/front wheel drive, Cub 185 LoBoy w/large tires, Cub 184 Lo Boy used 70 hrs. like new, Farmall 756 gas, (2) 656 hyd. gas. Farmall 756 Hi clear tractor. 300 Hi Clearance tractor. Farmall 1066 w/rollguard. M.F. 175 gas; J.D. 3020D power shift, J.D. 2010 gas, J.D. 7700D. w/cab grain & corn head. Gleaner F 2 diesel w/cab & air, grain, & corn head like new. N.I. 2 row 30" picker w/grinder. 1976 Chevy w/3200 miles w/14 ft. flat like new. Grove Forage Wagon real nice.) N.I. 30" 2-row picker real nice. Oliver 1850 D. W.F. 1970 J.D. 4020/diff. lock & dual hyd., Farmall 1566 w/roll guard & duals, (New) J.D. 444 corn heads, (New) J.D. 443 corn head, (New) 325 N.I. 2 row N. w/super sheller, Case 660 combine w/cab & 10 ft. grain. Farmall (burned) 766. Long 900 diesel like new, David Brown 1200D.

HARVESTORS. New Holland 770 w/2 row narrow, New Holland 770 w/2 row wide & pick up. N.H. S717 w/2 row head, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row. Int. 350 w/1- row & pickup.

JOHN DEERE (New) 4240 cab, air, power shift,, NEW JD 4240 cab, air, Quad range, NEW JD 4640 C.A. Quad range, New 4430 C.A. (SOLD) (New) 4230 Quad Range w/roll (SOLD) guard, 730D, 720D, (Used) 4230's, (2) 1967 & 1968 4020's, 3020, 2510, 5020 tractor puller. J.D. 630.

FARMALLS (Brand New) 986 cab & air. (Used) 1066 gear, 766, 1456, 806, 706, 1206 w/four whl. drive. 656 hydrostatic gas,

CASE Used 1370 cab, air power shift w/900 hrs., 970 w/rollguard & 600 hrs.; White (New) 2(SOLD)-85, Oliver 2050, 1850, 1800, 1750. (SOLD)

MASSEY FERGUSON 1155 w/cab, 1135 w/cab, new 1105 w/cab, used 1130, 1100, 1080, 175.

ALLIS CHALMERS 7040 w/cab, power shift used 800 hrs., 2030 w/cab, 220 w/cab, 220, 210, 1968 AC XT190 for $6900, AC 180 gas, 5040D.

COMBINES - M.F. 300 w/cab air, grain head & - three row 30" cornhead used 80 acres - like new, 1975 J.D. 4400 diesel, 1973 J.D. 4400 diesel w/443 corn head . J.D. 105 corn Special D w- cab & 2 heads, 95, 45, 40 Square backs. Int. 915D fully equip., w/grain & 744 corn head, $16,500. Massey Ferguson 510 D w/cab, air, gear drive, quick tach grain & 44 corn head $14,500.00. M.F. 300, 82 w/cab. N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Case 1660 w/cab, grain & 4 row corn head, N.I. 702 Uni w/cab, chopper 3 row 30" corn head. N.I. Uni #727 husking bed.

We Do Have - CORN HEADS - John Deere 443, 643, 444, 244, 435, 434, 335, 235, 234, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner F335, A330, F430, CII 440, CII 430, Int. 763 six row, 227, 3 row J.D. model 313 for 55 combine (lik(SOLD)e new). Case 402. MF 321, 421. J.D. 335 for 55, 435N for 95. Int. used 863, 844. N.I. 3- row 30", Case 3 row 30". New J.D. 653 Bean head. 40 corn heads to pick from on our lot. Gleaner 438, Int. 844, 744 corn head.

IND. EQUIPMENT - Ford 4500 diesel loader & backhoe, J.D. 440 loader & backhoe, D8 Cat w/blade, AC HD 6G crawler loader.

BALERS - (New) New Holland 315 w/thrower, NH 275, New Int. 445 baler, New J.D. 336 w/thrower, New J.D. 346 w/thrower, used JD 346 w/thrower LIKE NEW, N.H. 273 w/thrower, N.H. 1010 bale wagon, New Jerr Dan Forage Wagon, (new) N.H. 256 rakes

CORN PICKERS - New Idea 324 w/super sheller used 20 acres, N.I. 323 1-row, real nice, New Idea 2 row narrow row w/12 roll beds, 2 nice (Used) 2 row wide w-12 roll beds, shellers and Super shellers, 3 row 30" pull picker with Super sheller, 319, 305 mounted w-12 roll bed & shellers. Super shellers for pull pickers, shellers for mounted pickers.

HAYBINES - (New) Gehl 1090. 2 used N.H. 469, NH 467, N.H. 479.

CORN PLANTERS - Used White 6- row 30" no till fully equip. w/liquid, inst. monitor, Int. 56 4 row w/inst. J.D. #1300 - 6 row plateless w/inst. & monitor. White 6 row 30" no til w/dry Fert., Inst., and Monitor.

PLOWS - New White 508 - 5-18 automatic reset. J.D. and Int. 4,5,6,7 trip and resets. Oliver 5,6,7 trip and Hydraulic reset, chisel plows 3 point 10-13 ft. Glenco SS7 Soil Saver (Demo). JD model 8350 - Four X18 rollover plow like new. Oliver #546 four x 16 semi-plow (like new, JD 5X hyd. reset, real nice.

TRACTORS & EQUIPMENT - Farmalls - 1466 cab & air, 2- 766's, 706D, (New) Glencoe SS7-9 ft. Soil Saver $4150.00, Oliver 1950T w/over & under shift, MF 300 Combine w/cab, grain & 2 row corn. N.I. 702 Uni w/sheller & 3 row 30" corn head. Int. 7- 8X auto. reset on land hitch, Kawanee 22 ft. wing disk. **Planters** - (Used) J.D. 1440 4 row no til plateless, 494A. **Loaders** - J.D. 58, J.D. 158, Int. 2001 loader, Int. 2350 Loader like new, (2) 1972 J.D. 4020, 1970 4020, Int. 6X auto. reset plows.

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Can accomodate a minimum of 200,000 layers together with growing facilities. Located in remote area virtually disease free from other flocks. Has been very successful operation. Write Box 366 J-89, c/o Lancaster Farming, Lititz Pa. 17543

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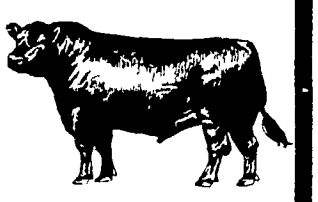

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## FERTILIZER

**MUSHROOM SOIL**

$70 per dump trailer load. Approx. 50 cu. yards.

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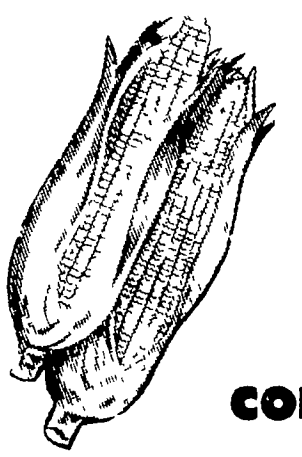

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Field Representative with nationwide company for this area of the state should have some farm and dairy knowledge to qualify. Salary, car, expenses and incentive bonuses. Write Mr. Glenn Burleson, PO Box 822, Statesville, NC 28677.

Wanted - Experienced Herdsman-milker for herd of 65 Holsteins, some fieldwork, secure position for dependable, responsible, married person, house and benefits provided, top wages for the right person. Centre Co., PA 814-359-3147 after 7 p.m.

Help wanted on farm dairy processing plant, experience preferred, but will train. Call 717-656-7305.

Reliable experienced young married dairyman, 8 stall rotary parlor, 165 head. Housing available. References required. PH: 717-872-6683

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Dairy Farm - Full time, East Lampeter Twp., Apartment available. Send resume stating experience & references to Box 366 R-35, Lancaster Farming, Lititz, PA 17543

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Working Horseman to work with driving horses & hunters - Usual stable duties with practical experience around horses.
Good salary & benefits including house - oil - electric - Blue Cross - Blue Shield.
Please write with recommendations:
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(after 6:00 p.m.)

**Help Wanted**
Experienced person to help manage 100 cow dairy, young stock in Chester Co. & help with other farm duties. Top wages and benefits including regular days off, house, electric, insurance and vacation. Must have good references from past employers. Only reliable, sober and experienced need to apply.
Send Resume to:
P.O. Box 366 J-91
Lancaster Farming, Lititz, PA 17543

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Real opportunity for person with feed equipment background. Must be willing to travel. Sales in feed bodies & Mobile Mills. Three territories available.
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Immediate opening for person to help operate 150 dairy herd in Chester Co.
Experience necessary, milking and herd care of Registered Holsteins, minimum field work required.
Good salary and benefits including: house, electric, Blue Cross, Blue Shield and regular days off.
Submit resume and references to
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P.O. Box 366 J-86
Lititz, PA 17543

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Experienced farm help needed for handling equipment & hay & general farm work. 215-267-6780

Help Wanted - Experienced Farm Equipment Mechanic or one willing to learn, good benefits. Write Box 366 R-36, c/o Lancaster Farming, Lititz, Pa. 17543

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1951 WILLYS JEEP; 4-wheel drive, engine overhauled in March, $2000 or best offer. 301-378-4334.

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1965 Strick Trailer.
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**TRUCKS**

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1966 Diamond I tractor, single axle, gas, 1966 Chevrolet 60 Series truck with grain body and dump, both in excellent condition 717-426-1197

**AUTOMOBILES**

**AUTOMOBILES**

1977 Mercedes 300 Diesel, sun roof, tape, clean, $14,000.00 FMC luxury motor home, motor in rear, new condition, replacement cost $65,000.00 asking $25,000.00 will trade, 814-793-2829 Curry Supply Martinsburg, Penna.

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**AUTOMOBILES**

For Sale - 1973 Chevy window van, blue & white, seats 8 people, 6 ft. of cargo area. 717-865-6611.

For Sale - 69 Chevelle, good condition, new paint, new rubber, craigers, AM-FM 8 track. Call between 6 P.M. & 9 P.M. 717-768-3525.


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**BRAND NEW 1979 DODGE ASPEN** 4 door Teal green sunfire metallic automatic transmission 3 7 litre engine AM radio power steering

**$4792**

18 MPG CITY 25 MPG HIGHWAY 21 MPG OVERALL

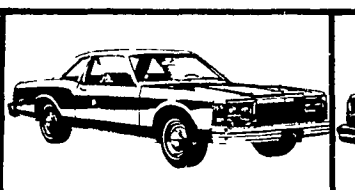
Stock No 1014
Lots of comfort and room in this pewter gray **BRAND NEW 1979 DODGE ASPEN SPORT COUPE.** 3 7 litre engine, power steering radio automatic transmis sion D78x14 white sidewall tires

**$4687**

17 MPG CITY 23 MPG HIGHWAY 19 MPG OVERALL

Stock No 1019
Vacation time Plenty of gas mileage with this **BRAND NEW DODGE ASPEN STA-TION WAGON** with 3 7 litre engine radio power steering automatic transmis sion ER78x14 radial tires A great buy

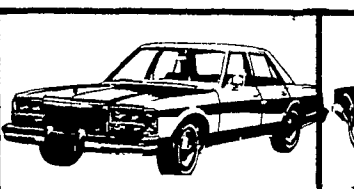
**$5107**



16 MPG CITY 23 MPG HIGHWAY 18 MPG OVERALL

Stock No 2010
Be a Diplomat and a conquer the energy story in this **BRAND NEW 1979 DODGE DIPLOMAT COUPE.** Torqueflite transmission radio power steering power brakes radial tires Sharp dove gray finish

**$5252**



16 MPG CITY 23 MPG HIGHWAY 18 MPG OVERALL

Stock No 2016
**BRAND NEW 1979 DODGE DIPLOMAT 4 DOOR SEDAN.** Ensign blue metallic bench seat center arm rest AM radio power steering full vinyl roof automatic transmission

**$5696**

16 MPG CITY 23 MPG HIGHWAY 18 MPG OVERALL

Stock No 6005
On those blue nights put yourself in this Nightwatch blue **BRAND NEW 1979 DODGE MAGNUM XE 2 DOOR SPECIALTY HARDTOP** with full leather reclining bucket seats automatic transmission power steering power brakes radio landau vinyl roof radial tires The economy you ve been looking for in a sporty car

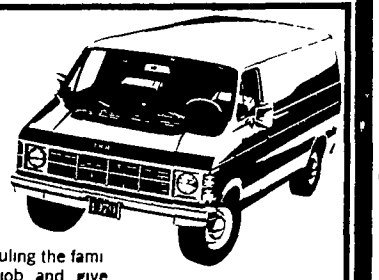
**$6121**

Stock No 5017
Formal Black will keep your pocketbook in the black instead of the red Good gas mileage and plenty of room in this **BRAND NEW 1979 DODGE ST. REGIS 4 DOOR SEDAN.** Red vinyl reclining bench seats air conditioning 318 engine automatic transmission rear window defroster dual remote control mir rors vinyl body side molding cruise control AM FM radio with rear speaker vinyl roof radial tires This car has a list price of $8524 75 but do to a special purchase Jack can sell it to you now for $100 over his cost

**$7022.94**

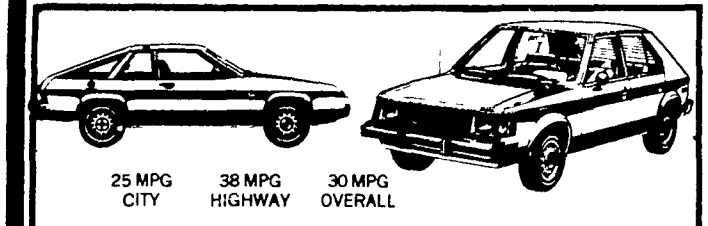
16 MPG CITY 23 MPG HIGHWAY 18 MPG OVERALL

17 MPG CITY 23 MPG HIGHWAY 19 MPG OVERALL



Stock No 0258
Need a brand new van for hauling the fami ly? This one will do the job and give economy too **BRAND NEW 1979 DODGE B-100 127" WHEELBASE TRADESMAN VAN** Rear and side door windows 3 7 litre engine automatic transmission 2 bucket seats bright low mount mirrors bright front & rear bumpers power steering radial tires 6000 GVW black with red vinyl seats

**$5889**



25 MPG CITY 38 MPG HIGHWAY 30 MPG OVERALL

Come in now and place your order for one of these **BRAND NEW 1979 DODGE OMNI 2 DOOR HATCHBACKS** You ll like the car and the mileage

**$4698***

We ll be glad to place your order for early delivery on our popular **BRAND NEW 1979 DODGE OMNI 4 DOOR HAT-CHBACK.** A great car with great mileage

**$4352***

*Base price not including freight state and local taxes or license fees

Stock No 0181
**BRAND NEW 1979 DODGE SHORT WHEELBASE PICK-UP** with 6½ box 4 speed manual transmis sion quad headlamps heavy duty front and rear springs power steering radial tires Red with black interior

**$5102**

15 MPG CITY 21 MPG HIGHWAY 17 MPG OVERALL

## CHECK THE PRICES AND THE MILEAGE ON THE DODGE IMPORTS FROM MITSUBISHI

27 MPG CITY 35 MPG HIGHWAY 30 MPG OVERALL

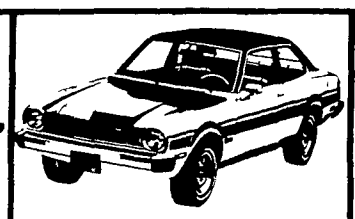
Stock No 7019
**BRAND NEW 1979 DODGE COLT 4 DOOR SEDAN.** Automatic transmis-sion warm white 1600 CC engine AM-FM radio vinyl side body moldings

**$4966**

26 MPG CITY 37 MPG HIGHWAY 30 MPG OVERALL

Stock No 7086
Mitsubishi also makes a small wagon Canyon red **BRAND NEW 1979 DODGE COLT 2 SEAT STATION WAGON** 4 speed manual transmission 1600cc engine vinyl body side moldings luggage rack radio wheel trim rings white sidewall radial tires reclining bucket seats

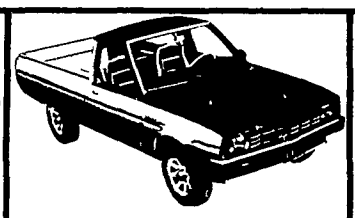
**$5941**



30 MPG CITY 40 MPG HIGHWAY 34 MPG OVERALL

Stock No 7044
Another one from Mitsubishi **BRAND NEW 1979 DODGE COLT COUPE** Canyon red metallic with white vinyl bucket seats 4 speed manual transmission 1600cc engine vinyl body side molding radio wheel trim rings

**$4325**



22 MPG CITY 28 MPG HIGHWAY 25 MPG OVERALL

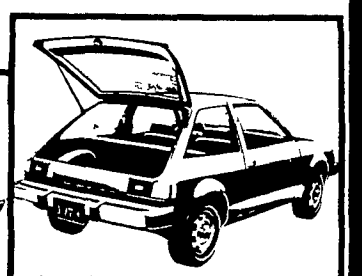
Stock No 7064
Mitsubishi pickup truck from Japan Warm white tan vinyl tan vinyl interior 4 speed manual transmission 2000 cc engine body side stripe rear step bumper wheel trim rings 6 00x14C white sidewall radial tires **THIS IS A BRAND NEW 1979 DODGE 50 PICKUP**

**$5125**

26 MPG CITY 35 MPG HIGHWAY 30 MPG OVERALL

Stock No 7076
Take the challenge in this **BRAND NEW 1979 DODGE CHALLENGER** by Mitsubishi Spitfire orange and silver This great lit tle import from Japan has the ap pearance and the ride of some of the finest imports on the road 1600cc engine 5 speed manual transmission with overdrive radial tires overhead console electric rear window defogger reclining bucket seats road wheels many more options too numerous to mention PLUS excellent mileage

**$6542**



33 MPG CITY 43 MPG HIGHWAY 37 MPG OVERALL

Stock No 7109
Want your front wheel drive a little flashier? Try this **BRAND NEW 1979 DODGE COLT CUSTOM 2 DOOR HAT-CHBACK** Bright silver with red cloth & vinyl reclining bucket seats twin stick 8 speed transmission 1600cc engine power operated racing mirror red ac cent tape stripes roof luggage rack radio wheel trim rings white sidewall tires

**$5234**

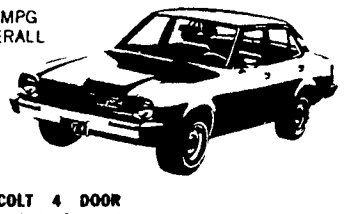
Stock No 7051
Mitsubishi also has a front wheel drive **BRAND NEW 1979 DODGE COLT 2 DOOR HATCHBACK** Light green metallic with cashmere vinyl bucket seats 8 speeds forward 1400cc engine radio white sidewall tires

**$4682**

# JACK LOWRY

JERSEY SHORE, PA.
Phone 398-1590

30 MPG CITY 40 MPG HIGHWAY 34 MPG OVERALL



Stock No 7135
**BRAND NEW 1979 DODGE COLT 4 DOOR SEDAN** Caramel tan metallic cloth & vinyl seats 4 speed manual transmission 1600cc engine vinyl side moldings AM radio

**$4761**

**detroit connection**

## TRUCKS

**(3) 4 Speed w/overdrive Dodge Pickups in Stock.**
**77 W-150 Club Cab 4x4**

D-50 Regular pickup, greatest economy of all
1976 Ramcharger 2 wheel drive, air cond.
1975 Club Cab
1968 Chevy 4 wheel drive Surburban
Special, 10 New 4x4's to choose from. We're ready to deal
We now have the 5 year or 50 000 mile protection plan
We need used pickups

(Uncle) (Fat) (Slim)
**See Milt, Pete, or Ross**

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Route 230 East Next to Shopping Center
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PHONE 717-367-1808

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'78 **Ford F150**, 6 Cyl , Auto , PS, PB, AM-FM Stereo
'78 **Chevy C-10 Scottsdale**, V8, Auto , PS, Radio
'78 **El Camino**, V8, Auto , PS, PB, Air Cond , Radio, Power Windows
'77 **Ford Super Cab**, V8, 3 Speed, PS, PB, Air Cond
'77 **Toyota Long Bed**, 4 Cyl , Auto , Radio
'77 **Ford F150**, 6 Cyl , Auto , PS, PB, Radio
'77 **Ford F150 Explorer**, 460 V8, Auto , PS, PB, Air Cond , AM-FM Radio
'77 **Chevy LUV**, 4 Cyl , 4 Speed, Radio
'77 **Ford F150 Ranger**, 6 Cyl , Auto , PS, PB, 8 Track Stereo
'76 **Ford F100**, 6 Cyl , 3 Speed, PS, Radio
'76 **Ford F100 Ranger XLT**, V8, Auto , PS, PB, Air Cond , AM-FM Stereo
'76 **Chevy C-10**, with Utility Body, V8, 3 Speed, PS, PB, Radio
'75 **Chevy LUV**, 4 Cyl , 4 Speed, Radio
'73 **Dodge Club Cab**, V8, Auto , PS, PB, Air Cond , Radio
'73 **Chevy C-10**, 6 Cyl , Auto, Radio, 38,000 Miles
'72 **Ford F100**, V8, 3 Speed, Radio
'71 **Ford F100**, V8, Auto , PS, Radio
'71 **International Step Side** V8, 4 Speed, AM-FM Radio

★ **4 WHEEL DRIVES** ★
19 To Choose From ... 1974 to 1979

**MIKE RHODES & CO.**
Rt. 663 & Swamp Pike, Gilbertsville, Pa.
(215) 327-1380
or toll free 800-362-7655

## PETS

For Sale - 1 yr. old English bull dog, female, AKC, dark brintle, Wt. 30 lbs., $150. Jonas D. Kinsinger, R.D. 2, Box 94, Oakland, MD 21550. 301-334-2893.

# WANTED TO BUY

Puppies, 7 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA. 19140 or call before 7 p.m. Mon., Tues., & Thurs. only 215-229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

## PETS

Wanted To Buy - AKC Breeding Stock and AKC puppies. Call G. Wessner 215-598-7412.

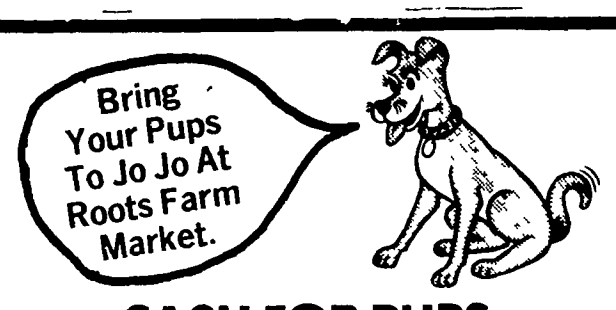
Wanted - New Zealand white rabbits, 1 to 5 lb. also can use dogs and cats (no household pets). 609-881-4916.

For Sale - Reg. Border Collie puppies, farm raised from working parents. PH: 717-397-9137

Adorable AKC Cocker Spaniel Puppies. Also free kittens. Call 717-962-2970

OLD ENGLISH Puppies. AKC 9 weeks old. Docked, wormed, shots, weaned. Farm raised, good disposition, reasonable. Call 1-215-756-6282 after 9 p.m. or write Puppies RD #2 Box 222 Kempton, PA 19529

For Sale - AKC Registered Saint Bernard puppies, 6 wks. old, nice markings. 717-665-3137




**CASH FOR PUPS**
I need Purebred and cute mixed litter lots, 6 to 8 weeks old Clean and healthy. Contact "Jo Jo The Dogman" at Root's Farmers Market, RD1, Manheim, PA Every Tuesday 6 p m to 9 p m
No Phone Calls

## TRUCKS

For Sale - 1970 IH diesel dump truck, 10 wheeler 6 spd., 250 engine $11,000; 3414 backhoe $5000 717-566-2780 or 533-3075.

1972 LN Ford dump $7000.00 1973 LTS Ford Tandem Diesel dump $15,500.00 B-61 Mack Diesel L. W. $2500.00. 1976 Ford C-8000 L. W. $6900.00 1970 IHC C 1600 -26' Tilt bed, winch, $6500.00 1970 IHC Tandem Diesel 26 tilt bed, winch $10,500.00 4-Alum Grain dumps $6500.00 up. 76 Kenworth 350 Jake, $28,500.00 Others, 814-793-2829 Curry Supply Co. Martinsburg, Penna.

Dump truck available for hauling 50 cents per 100 lbs. or 50 cents per mile. Call 717-872-5016

For Sale - 1974 International 1700 345 V8, power steering, 10:00x20 tires, 5 spd. 2 spd. rear. Good cond. Call 301-877-9889

Energy truck hoist Sales and Service. Anderson's Repair Shop, RD 1, Felton, PA 717-244-2039

For Sale - 42 ft. American Posson belly trailer, 301-578-9868

R600 Mack 5 speed, Macadine turn screw, air slide fifth wheel; 44 ft. muv-all machinery trailer; Chevrolet 65 series with new Jerr Dan Rollback, six months old. Phone 717-265-9014

For Sale - 1959 F350 10 ft. stake dump, 2nd engine, good rubber $600.00. 215-286-9201

1974 Ford Louieville 8000 with 225 Cat Diesel, 5 speed with 2 speed, power steering, Bostrom driver seat, radio, fifth wheel with tractor package, excellent 10x20 rubber. You must see to appreciate. $11,950. 717-265-9014.

For Sale - 9' Ford stake truck bed w/sides, never used, $600 or best offer. 717-393-6530 weekdays 7 A.M. -5 P.M.

1967 Mack R700, S/A, w/13' Stoltzfus Lime Spreader. Must be seen to apreciate $8500. 301-829-0271

## HOUSEHOLD GOODS

"Alaska Kodiak" wood stoves, discount, no tax to Dela. and Pa. Call for free literature, B & B Stoves, 301-398-3060.

## MISCELLANEOUS

For Sale - Wood burning cook stoves. Choose many colors. Also, FISHER HEATING STOVES. Earl Cole, RD 2 Oxford, Pa. 19363. 717-529-2740.

For Sale - Trailer 7 x 12' with 3' removeable sides. 717-865-6611

For Sale - Used Norge, Servel and Whirlpool gas refrigerators - reconditioned cooling units available for most gas refrigerators. Also reconditioned Maytag engine washers.
**MYER'S GAS REFRIGERATION**
RD 1, Leola, Pa.
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For Sale - Firewood, seasoned oak and other hardwood. $65 cord. 717-569-7565 or 717-653-8243.

Sawdust Shavings, bag or bulk. Will deliver 717-529-2855.

For Sale - Spoke cutter blades. Leola Coach Shop, 2705 Creek Hill Rd., Leola, Pa. 17540, Lancaster Co.

## MISCELLANEOUS

For Sale - 50 lb Purina dog food, $8.73 (also quantity discounts) at McCracken's Store in Manheim 717-665-2186.

For Sale - 225 cedar greenhouse flats, most 14" x 20". 3 & 4" clay pots, other greenhouse items. 215-692-8476 evenings.

For Sale - Poplar, Walnut & Cherry lumber (green). Cut to your order. Moyer's Sawmill. Ph 717-867-5316

Sale - Trailer 6 x 12' with drop axle, suitable for motorcyle, snowmobile & so forth. 717-865-6611

**DEALER IN ALL KINDS OF LIVESTOCK**
Also Crippled & Down Cattle.
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For Sale - 1970 350 motorcycle $300 or best offer, 717-464-4970

For Sale - 4 Door Commercial Ice Cream Chest freezer, excellent. PH: 717-442-4279

For Sale - Rhubarb $.25 per lb. Call 717-365-3502.

For Sale - Roller bearing buggy, good condition, slightly used. Elam K. Beiler, N. Bonsall School Rd., R.D. 6, Box 353, Coatesville, Pa. 19320.

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Ink Pads Available
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## MISCELLANEOUS

Custom made storm windows and doors, aluminum windows and doors for milk house and dairy barns. Ceramic tile (seconds) for cow stable troughs.
**ESCH FLOOR COVERINGS**
¼ mile N. of Bird-in-Hand on Beechdale Road

For Sale - Cypress boards, all sizes & lengths. Good for paneling, fencing & siding. Ph: 215-268-3263.

Pheasant Hunting, Sept. 1. to April 30. Pheasants for stocking. Oven ready pheasants. Phone 215-856-7670.

## REAL ESTATE

N.Y. STATE, JEFFERSON COUNTY, 460 Acre Dairy Farm with about 300 acres good workland. Excellent barn just 16 years for 44 milkers; heifer barn for 22, machine shed, 2 good homes. Owner will assist with financing. Won't last at $125,000. Realty World Kemp Branch, Ore Bed Road, Philadelphia, N.Y. 13673, 315-642-5684, 315-686-3409. FREE CATALOG.

SOUTHEAST MINNESOTA - Best soil in state, By Owner, 500 acre grain farm with hog and dairy facilities, 524 acre grain farm with many good buildings for hogs or cattle, 160 acre grain farm with excellent home. All presently farmed as 1 unit. Jack DeYoung, Utica, Minn 507-932-3778.

YORK COUNTY – Lower Chanceford Twp., 146 acre m/l farm w/stream and approx. 60 acres tillable. $215,000. BAUGHMAN REALTORS 717-741-4671 or 717-862-3869.

For Sale - 4 bedroom home, 1½ bath, excellent condition and location, vinyl siding, black top drive, 1 mile east of Wellsboro on Rt. 6. Call or write Neil Davids, P.O. Box 291, Wellsboro, PA 16901 Ph: 717-724-3390

Farm Wanted - Private party is interested in purchasing a dairy farm, 80+ tillable acres, 50 cows, primarily interested in Bradford and Sullivan Counties. Stocked and equipped preferred. 215-696-8954 or 301-372-9520.

For Sale - 24 acres of mountain ground. 24 miles North of Harrisburg. Would make lovely summer homes. Small stream running through, also lots of game & good fishing. Ground borders state game lands. Priced to sell. Ph 717-362-9842

For Sale by Owner - A beautiful fertile farm in Lebanon Co. 123 acres limestone soil, two dwellings - a new rancher & a large stone house. Buildings to accommodate 130 head dairy cows. Milking parlor & two 800 gal. milk tanks. Two Harvestores & one 24 x 70 concrete stave silo. A large heifer barn & a large machinery storage building & shop. A new grain dryer & storage bin. Further description can be obtained by calling 717-272-0685.

General Farms, Rent with option to buy. 10 acres to 150 acres. By Owner. 717-682-3241.

## REAL ESTATE

**LEASE QUALITY DAIRY CATTLE**
**Various plans available.**
**Call or Write:**
**Dairy Farm Leasing**
**1700 Dupont Ave. South**
**Minneapolis, Minn. 55403**
**612-377-1489**

For Rent - 8 acre poultry farm, long useful bldgs., cooler room, store, house, breeder, 203 foot commercial frontage many usages including used car lot, Rte. 40-322 McKee City, near race track, major highway minutes from Atlantic City. $8,000 yearly rental or consider renting portions cheaper. 9 acres with commercial frontage, Black Horse Pike, Williamstown, N.J. $1,000 yearly rental or higher rental including commercial garage bldg. Owner 609-881-7023 evenings or early mornings.

For Sale - Modern egg farm, 30,000 layers, 2 cage units, automatic feeding, cable cleaners, process your own eggs & get top dollar with established markets. For details phone 412-459-9110.

For Sale - 6½ acre horse farm, Manheim Twp., 7 stalls, tack shop & riding ring, 4 bedroom Colonial home, 1½ baths, fireplace plus a 2 bedroom Mobile Home. 717-898-8476 after 5 P.M.

Family farm, 135 acres, dairy or steer, Carbon Co., colonial farm house, 10 rooms, 2½ story, freestall and hay barns, 2 silos, corn crib, 90 level acres, crop and pasture land, road near Weatherly, 30 minutes to Allentown, Higgens Realtor 717-668-5421 eves. 386-4879.

For Sale - 77½ acre farm with modern house and barn over 6000 ft. road frontage, stream, modern butcher shop, state inspected. Lee D. Garman, Jr. Real Estate, 717-264-7999

Cabin For Sale - Partially furnished. 2 bedroom with 4 bunkbeds. Living room with fireplace. Wall to wall carpeting throughout. Bath with shower. Well & septic system. Screened-in porch. Electric heat. Kitchen stove. Dishwasher refrigerator. Lycoming Co. $31,500. Ph 717-754-7313

Farmette For Sale - Bradford Co. 10 miles east of Canton, Pa. on Rt. 414. Lovely remodeled 3 bedroom home has 1 bedroom & bath downstairs, large living room opening into dining room and eat in kitchen. Fire-View wood stove on raised platform with brick wall and new chimney, oil furnace, 3 story garage, large utility building, good water, located on 2 well landscaped acres, with large variety of new shade trees, 400 ft. of level road frontage with tremendous view of mountains, excellent hunting and fishing. 8 more acres of adjoining bottom land available with road frontage on 2 sides and creek on back of property will sell together or separately. "By Owner" Harry Kelley, R.D. #1, Canton, Pa. 17724. Ph. 717-364-5786 if no answer 703-433-0032.

42 acres for farming or development, some wooded, 2 streams, approx. 1200 ft. road frontage, Schoeneck area. Lancaster Co. 215-267-3222.

YORK COUNTY – south of Red Lion, 93 acres m/l with approx. 60 acres tillable, 2 streams, possibility of owner financing. $148,800. BAUGHMAN REALTORS. 717-741-4671 or 717-862-3869.

REAL ESTATE

Sale/Rent - Five Acre Farm, 10 Rooms, 2 baths, pecan, chestnut, apple, pear, holley family orchard, flowers, 4 acre gardening, farming. 530 ft. navigable riverbank riverfront, many possibilities including subdivision. Quiet Beauty Elsinboro, N.J. Consider $4,000 yearly rental in advance, or $300 to $400 rental Land Only. Consider Selling $75,000 convenient terms, owners mortgage 9%. Win as others have. Visit Owner Gardiner Rte. 322, 410 Mullica Hill Road, Glsssboro, N.J. 609-881-7023 early morning, evenings. Do you want to look for years to try to duplicate the beauty, quiet, strength, possibilities, or act quickly?

190 Acre farm, located near Brogue in SE York Co., 115 acres of fertile cropland, strong springs and stream, pasture and good buildings, 2 homes, 2 barns, tobacco barn and other buildings, all in good condition. Philip Eppley owner. Eves 717-741-2116 or day 854-0008.

86 acre farm near Shippensburg, PA, 54 tillable and mountain land, barn, hog pen, 2 story house, secluded, price reduced AUSHERMAN BROTHERS REALTORS, 229 N. 2nd St., Chambersburg, PA 717-264-6715.

Wanted to Rent - Approx. 2500 sq. feet combination office and storage facilities in Leola area. Must be adaptable for car & truck unloading and have off street parking area. 717-273-7394

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88 Acre farm in Centre Co., between Coburn and Spring Mills, Large barn, large milk house, silo, trailer, 70 acres tillable, good spring, stream, limestone soil, house sold off $88,000, Owner may finance 814-349-5871 Mon. thru Fri.

16T Near Gettysburg PA, 16 acres of fence land w/stream, large 120 ft. concrete block barn, in very good condition, lovely building site, overlooking stream, only $39,000; 58T Adams Co., PA, near new, 4 rooms, 1 bath, 1 story home on 4½ acres of ground, also 20 x 30 metal barn-shed, used as year round home or get away cottage, secluded, only $29,900 Call 717-642-5851, Town & Country Real Estate, Fairfield, PA.

For Sale - Cottage, approx. 36 acres in Huntingdon Co. Prime hunting and fishing. Write P.O. Box 4 Burnham, PA 17009.

For Sale - 225 acre farm, 2 family house, excellent alfalfa ground, Orange Co., NY, close to 2 airports, road frontage on 3 sides of property. Call Executrix 914-856-2887 or write Box 320, Port Jervis NY 12771

Real Estate Farms - New York State near Clyde - Wayne County 130 acres 4 bedrooms, good barn $70,000.00 (owner finance) 78 acre good barn & house $59,000 00 110 acres, 4 bedroom house & barn Vitticore venings

REAL ESTATE

Great Buy - 72 acres of excellent farm land near Glen Rock, York Co. 55 acres tillable. Spring & small stream. $79,500. ACE Realty of York (717) 244-8511 (L-1620)

Southern York Co. - 21 acres of prime farm land in Peach Bottom Twp. 20 acres tillable. ACE Realty of York (717) 244-8511 (L-1619)

Good development potential, 15t acres, S.E. New Hampshire, level land, macadam Rd., 40 min. Boston, 30 min. Seabrook. Reply P.O. Box 366 R-34c/o Lancaster Farming, Lutitz, PA 17543

For Sale - 100 acre Perry County farm, mostly tillable, mostly limestone, long road frontage, new buildings. 717-789-3192

Farm For Sale by Owner - Hog & steer farm, broiler capacity 50,000, shop 30 x 60 with heat, equipment storage, 2 grain bins, 1 with dryer, 23,000 bu. capacity, auto. generator, 48 acres with modern house, Penn Twp., Manheim area. 717-665-2358. No Realtors.

Less than 5 acres, with 250 ft. frontage entrance Auburn Pennsville Road, over 1000 ft. adjacent Rte. 295 Carneys Point, N.J. $23,000. Convenient terms, will consider renting. Visit Owner Gardiner 410 Mullica Hill Road, Glassboro N.J. 609-881-7023 evenings.

2 Farms For Sale By Owner - 2 sets farm buildings good prime level land, consists 120 acres. 301-996-2022.

ADAMS COUNTY - 275 acre modern dairy with double six parlor plus 4 other farms. Franklin County - 42 acres with modern Broiler set up for 100,000 birds. Also 150 acre dairy farm and 145 acres with house and barn.

**VAN CLEVE REAL ESTATE**
Phone 717-624-8201

**A LARGE FAMILY OPERATION!!**

RESTAURANT AND JUG MILK OPERATION — 380 acres, more or less, 170 tillable, 50 pasture and 160 woodland. Stone house, dairy barn, dairy store, and other buildings, including greenhouse and tenant house. 50 free stalls and milk parlor. Commercial highway frontage, near community of 6,000, no competition in immediate area. Exceptional opportunity at $347,500. Additional 400 acre farm available for purchase in the vicinity.

Call:
**Huntingdon County Real Estate Inc.,**
305 Penn St.,
Huntingdon, Penna., 16652
(814) 643-5010
ANYTIME!

REAL ESTATE

**For Sale By Owner**

South Central PA 350 acre big game ranch and fishing lake, lodge and all equipment needed for farming operation, financing available.

**814-652-2319**

**FARMS FOR SALE**

**LEOLA REALTY, INC.**
Realtors
127 W. Main St.
Leola, Pa. 17540
717-656-2281

106 Acres, 84 tillable farm land, remaining woodland, no buildings, good fertile land, on the Lycoming & Clinton County border of PA.

Write P.O. Box 366 R-33, c/o Lancaster Farming, Lititz, PA 17543

**3 WORKING DAIRY FARMS**
★ 140 acres tillable
★ 153 acre dairy farm
★ 225 acre dairy farm
Owner financing available
301-791-1555
Ask for
Bill Tritapoe
**GEORGE PIPER REAL ESTATE, INC.**
5 S. Main St.
Boonsboro, MD 21713
George H. Piper
Broker

**FOR SALE**

PLEASINGLY NICE Long Brick Rancher including less than ten acres, 2 long frontages, 3 giant useful well built poultry houses 300 ft long, bunk house, store, storage Income producing, Sub division possibilities Difficult to duplicate for $127,500 Traffic warrants roadside market Minutes away from seashore, Buena, N J

42 42 Acres approx 1650 frontage adjacent Aura Willow Grove Road, Franklin Twp , N J Good looking cheerful area, Road Few minutes from planned new interchange Farmland parklike at back Considering $106,050 convenient terms, owner 8% mor tgage No buildings Beautiful Land Other Farms, Land, Beautiful Homes Small Farms Giant Income Producing Dairy Farms with Buildings, Woodland ponds, Waterfront What do you desire or wish to sell or rent Co op Real Estate 609 589 3330 Evenings 609 881 7023

200 ACRES, 60 cow farm, good buildings. If you have a large equity in cattle & machinery we will finance 100% We also have 200 other farms for sale, all sizes & prices Write for free farm list

**RICHARD E. POSSON REALTY**
R D #3, Norwich, NY 13814
607-334-9727

REAL ESTATE

**SMALL FARM**
30 Acres - 14 tillable
Real Nice House
**DAN ENTERLINE REAL ESTATE**
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One of Nature's phenomenon
The world's largest farming area.
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Faribault, Minn 55021
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Broker Participation Invited

**HORNING FARM AGENCY INC.**
Main Street
Morgantown, PA
PH: 215-286-5183

Nittany Valley - 80 acre dairy, 2½ story frame dwelling, frame bank barn, 2 silos & other outbuildings, also bulk milk tank. Possession Aug. 79, this farm is setup to go.

Nittany Valley - 277 acres, frame dwelling, bank barn & other outbuildings, $1000 per acre.

Nittany Valley - 88 acres, brick dwelling with attached summer home, frame bank barn, large implement shed, corn crib. Owner financing

Agent
**ROY E. HALLER**
215-484-4844

The Gallery OF HOMES

**SMALL FARM**

This property is for the family that always wanted to live on a farm Just South of town on Baumgardner Rd , you'll find just over an acre of ground with a nice home & a barn large enough for steers or a few hogs This is a real country setting & for only $44,500 Don't Wait! Call Now

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Lancaster. PA

REAL ESTATE

**LYKENS VALLEY**
Remodeled farm home on ½ acre. Price $37,500.00.
Financing available.
717-362-9596

**WANTED**

One farm w/milk jug operation or one farm to be made into milk jug operation.

Write P.O. Box
366 L-1
c/o Lancaster Farming
Lititz, Pa. 17543

REAL ESTATE

**ESTATE SALE**

156 Acre Modern Dairy Farm near Everett, Pa. 8 Room frame house, 2 yr. 50 stall milking barn with 4 milkers, gutter cleaner, air system, bump tank, glass universal pipe line, road frontage both sides macadam road, outbuildings. $195,000.

**DEEDS REAL ESTATE**
Hagerstown, Md.
301-797-6661
or 301-797-6664

**FOR SALE BY OWNER**
Union Co. W. of Mifflinburg

432 Acres in 1 block, 398 tillable, can be bought in total or smaller acres, 3 houses, 4 barns plus farm shop Much road frontage

**717-524-0325**
**between 7 — 8:30 A.M.**

841 acre grain farm in Bedford County. Large storage & drying elevators. Quick & easy trailer loading. 2000 acres additional land leased. Excellent management makes this farm a standout. Will handle 400 head beef cattle.

200 acre stocked & equipped dairy farm in Bedford County. Quick possession. Many registered cows. Pipeline, 48 stanchions $285 000.

PLAN your trip to UNITED land now.
The best values sell fast.

**United Farm Agency of Pa., Inc.**
**Real Estate**
Roaring Spring, Pa. 814-224-4464

**FOR SALE**

Buy from owner and save realtor costs on this 88-acre farm 6 miles from Bloomsburg and only minutes from Route 80. Set up for cow-calf operation. Deep 28-acre hollow with stream making excellent winter quarters for brood cows. 60 acres tillable. Bank barn with sorting gates, enclosed loading ramp and built in cattle scales. 3 bedroom house with large bath, modern kitcher, excellent hand fired furnace and large deep never failing spring built into foundation. $124,500 with contract available.

Phone: 717-784-5759
Evenings & Weekends

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**RAY N. WILEY INC.**
323 W. Main St.
Mount Joy, PA

**CALL 653-1481**

**FARM LISTINGS NEEDED**

Farm Salesman-Eugene Kreider

**CENTRAL PENNA. FARMS**

FRANKLIN COUNTY
132 A Dairy, 60 free stalls, 16x40 silo, double 4 milking parlor, large semi-modern frame house, pasture with stream

CUMBERLAND COUNTY
165 A Dairy, 60 tie stalls, 20x60 silo, pipeline milker, large modern brick house, creek frontage and spring water

**JOHN B. NIESLEY REAL ESTATE**
32 West High St , Carlisle, Pa
Office 717-249-8787
Res 717-243-7575

100 Dairy and cash crop farms for sale. Central New York. 50 - 200 cow farms with 100 acres to 1000 acres. Send for our free farm list or call collect for an appointment after 8 PM or before 8 AM.

**RICHARD E. POSSON REALTY INC.**
R.D. #3
Norwich, NY 13815
(607) 334-9727

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**FARMS FOR SALE - CENTRAL, N.Y.**
Large & Small -
all types ranging in price
from **$40,000 - $300,000.**
Also Land Listings Available.
Write for free farm listings

**STROUT REALTY**
Ross Iannello, Broker
RD 1, Rt 8, New Berlin, NY 13411
607-847-9288

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**800 ACRE ESTABLISHED BEEF OPERATION**

Bedford Co , Pa near Pa turnpike, comprised of approximately 3 farms with buildings & also 2 additional homes, surrounded on 3 sides by hard roads with a good volume creek flowing through it, can be divided

**PAR REAL ESTATE**
New Oxford, PA 17350
717-259-7193 & 624-2100

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**FOR SALE**
**SNYDER COUNTY HOMES**

Appro. 1¾ A. open land; 24 x 31 frame house with aluminum siding remodeled inside, 18 x 28 bank barn, dependable spring piped into kitchen, no electricity

**ALSO**

5 A. open land, 24 x 32 frame house, 36 x 63 bank barn built in 1977, also other regular outbuildings, good well, no electricity. These 2 places are land joiner to each other, located right alongside township road.

CONTACT:
**Paul B. Sensenig**
**R.D. #1, Port Trevorton, Pa. 17864**

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Small 20 acre farm in East Donegal Township, Lancaster County, with good producing limestone soil Has been farmed organically for last 12 years Would make excellent truck farm Well-kept 4 bedroom house, stone and frame barn, road frontage $118,000

*OUR PEOPLE MAKE THE DIFFERENCE*

ENGLE-HAMBRIGHT & DAVIES, INC.
2122 Marietta Ave., Lancaster, PA 17603
Phone 717-291-1041
**REAL ESTATE**

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HOMESTEAD FARM SINCE 1844, 320 acres in lime soil area. Barn stanchions 80, could be 106, has nice set-up for horses, (owner plays polo). 3 Colonial-style homes. Cattle and machinery $350,000.

HANDYMAN'S SPECIAL, 20½ acres across road from Golf course and riding club. Old home about 100 years old needs plenty work, but only $15,500.

LAND LAYS NICE on this 159 acre farm, 100 tillable. 50 cow barn, dump station, cleaner, mow elevator, machine shed. Two homes, both good shape. 35 holsteins, young stock, 2 tractors, equipment. $138,000.

NICE STABLE on this 55 cow farm, Patz cleaner, 25x55 silo w/unloader, machine shed. Slate-roof colonial home with 4 bedrooms and brick fireplace. Asking $110,000 but out of state owner would consider offers.

SCENIC AREA, 118 acres rolling meadow and woods. 7 room home has new custom pine kitchen, new extra large living room w/franklin fireplace, 4 bedrooms Pond in front yard. Barn has 17 stanchions and ties $55,000

FREE DAIRY LISTS

**WIMPLE REALTORS**
**SLOANSVILLE, NY**
518-875-6355
"FRESH LISTINGS DAILY"
REALTOR

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**NEW YORK WAYNE COUNTY**

Farm 73 acres, 22 acres Apples Cherries Pears 41 acres tillable, 10 acres Woods, Trout Stream, 2 large two story barns, other out buildings, Excellent 4 bedroom house $85,000

Charles Liseno - Broker
109 Glasgow Street
Clyde, New York 14433
Phone Office 315-923-5261 or Home 315-923-6221

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**FARMS FOR SALE**

★ Northumberland Co. ★

145 Acre farm near Milton, good producing soil, beautiful 5 bedroom home with 3 working fireplaces, 2 story garage 44x42, new building beside garage 30x70, barn 72x90, many other buildings, all in good condition. Owner financing.

★ Lebanon Co. ★

122 Acre dairy farm with 82 stanchions in free standing barn, large new equipment shed and workshop, new 160 ft. barn for hay storage, 24x80 & 14x50 silos, 3 yr. old Surge S.S. pipeline with 7 units & 1250 gal. tank, first class dairy with owner financing, immediate possession. (Health problems).

Many others to choosen from.
We are Multi-List!
**FARM & HOME ASSOCIATES**
J. Irvin Denlinger - Realtor
Mahlon Oberholtzer - Realtor Associate
Smoketown, PA
717-291-2270

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**NORTHCENTRAL PA. FARMS**

Priced To Sell — **FARMETTES & INVESTMENTS** — Priced To Sell

**DESIRABLE ACREAGE:** 42.2 acres with some beautiful pines, spruce & hardwoods, some pasture land & nice cornfield, also long road frontage. Owner financing to qualified buyer, 25% down, 15 yrs. at 9½%. $25,000 T-669.

**NORTH WEST TIOGA COUNTY:** 20 acre farmette with remodeled home. Formal dining area, breakfast room, modern kitchen. Lg. living room, wall to wall carpeting. Low taxes. 15 acres tillable. Several outbuildings. Just $42,500 or add 30 acres additional acres for just $7,500 making a $50,000 package. C-202. Ph. (814) 367-2249

**LOOKING FOR PRIVACY?** Take the view too, and enjoy rambling beauty This acreage along township road in Windham which is presently being upgraded. Get in on the ground floor and nail this homesite now. 18.99 acres priced at $14,950. With owner financing available

**OPERATING FARMS**

**VEAL OPERATION:** 28 acres + 3 poultry houses with one renovated for 120 veal, liquid manure, ventilating system, calves mixing tank, contract available, + 2 more buildings suitable for poultry or hogs. 35 KW standby generator. 4 BDRM ranch style house recently remodeled, full basement, wood mode kitchen, plush wall to wall carpet, new bath, vinyl siding fully insulated and much more call now Wellsboro Office 717-724-5921. W#375 $84,500.

**ONE FARM OR THREE!!!** 375± acre dairy farm setup just into Potter County. Consists of 3 farms, 3 barns, 3 houses, 61 stalls in main barn plus calf and heifer space. New heifer barn 60+ free stalls. Auto feeder. Good silo and hay space. Over 300 acres tillable. Will price each farm separately. 230 acre main farm $258,000. 71+ acre dry cow setup $64,000. New auto. feeder heifer setup $85,000. Owner will discuss terms but prefers cash. A lease purchase option is available on $60,000 of main farm. 150 additional tillable for lease at approx. $800 p/yr. Hurry. A real pride of ownership operation. M-1749. Ph. (717) 662-2138.

CALL OR WRITE US FOR OUR FREE LISTS!

THE Real Estaters REALTOR

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TIOGA & POTTER Counties call or write
WELLSBORO, RD 3 Box 142a - 724-5921
WESTFIELD, 108 Main St 814-367-2249
MANSFIELD, RD 1 Box 41 662-2138
AND BRADFORD County call or write
TROY, 533 Elmira St 297-2118
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**DAVID W. SHRODES REALTY REALTOR**
(301) 692-5667
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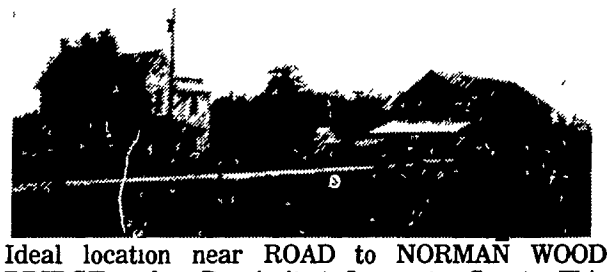
**NEW LISTING! FIRST TIME OFFERED**
**55± ACRE FARM,**
**Sunnyburn, Southern York Co. Pa.**



Ideal location near ROAD to NORMAN WOOD BRIDGE in close Proximity to Lancaster County. This 55.6± ACRE FARM with 4 Bedroom Slate Roof Frame Dwelling "neat as a pin" with well kept Grounds. Has Well Painted & Maintained "L" Shape Slate Roof Bank Barn with Numerous Outbuildings. POND & BROOK on Property, Plus Lots of Road Frontage. PRICED TO SELL AT ONLY $137,500. CALL TODAY FOR SHOWING!

**AUCTIONEERS-REALTORS**

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**FARMS FOR SALE**

COUNTRY PLACES

FARMETTES WOODS

**NEW LISTING**
**EXCELLENT DAIRY FACILITIES**
250 acres Bradford County, 60 comfort stalls, 6 unit pipeline milker, 750 gal. tank, Corneil barn cleaner, one Harvestore, two cement silos, 40 x 100 implement shed with heated shop. A very nice modern 8 room & 2 bath home. Among the extras a swimming pool. All for only $250,000.

475 Acre Dairy Farm. 154 freestalls, 50' x 312', 50' x 245' barns, double Herringbone parlor, 14 room modern home, 8 acre lake & much more, good area, Bradford Co.

SNYDER CO. 77½ acres w/stream, woods, 50 tillable acres, frontage both sides of hard road.

Large 180 acre freestall setup Bradford Co.

LOOK! Mom & Kids, a mini-farm operation for you. This automated broiler setup reduced. It has a 20,000 bird capacity, very lovely home in a good area of Union Co. Priced at $59,900

New Listing - INVESTORS, HIDEAWAY SPOT - OFFERS OTHER POSSIBILITIES! 25 acres wooded & a schoolhouse. 40 miles above Harrisburg, peaceful area, frontage, owners leaving state. Priced to sell $29,000

4½ acres, lovely 2½ story well built home, plenty extras, woods & stream, scenic commuting distance to Harrisburg area, low taxes, maintenance, & heating costs, drastically reduced to $40,000.

NEW LISTING - 49 ACRES, YORK CO. General or horse farm, secluded, ½ tillable, wooded, barn, good house, stream. $89,900.

Ask for One of the Farm Men
For Additional Details & Information

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569 8701
REALTOR

REAL ESTATE

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## 28 ACRE LANCASTER COUNTY FARM

This farm features a 2½ story remodeled frame house with alum. siding, slate roof, hot water heat, 4 bedrooms and a large stone fireplace in the livingroom. Also there is a 2 story barn 45 x 58 and a tobacco shed 30 x 44. There are 18 tillable acres; the rest of the land being pasture with a stream flowing through. For Sale by owner at $175,000.

**CALL 717-733-7098**

## STROUT REALTY, Inc.

**Licensed Real Estate Broker**

327 acre beef farm crossed fenced w/BW&P, 2, barns 80x125 feet, one for hay storage and farm equipment, one for feeding w/center automatic feeder 100' in length, 30x60 silo w/automatic loader and self-feeding Starline Feeder. 130 acres in corn more if desired, 102 acres wooded, well maintained 5 bedroom house, 2 baths, family room 15x20, 2 living rooms 15x18 - 15x30 feet, 2 wells, 1 dug, 1 drilled, repair shop 40x70, gas heat, septic system (3) Over 2000 feet of frontage on either side of road. Great location in the Endless Mountains with level and rolling countryside. Only 3 miles to town. Near everything $225,000.

180 acre farm w/barn (needs Repair) 2 story 3 bdrm home, great level to rolling land (Not a dairy farm) 20 acres wooded, approx 100 acre tillable Near new Tioga-Hammond Dam Recreation area. $125,000

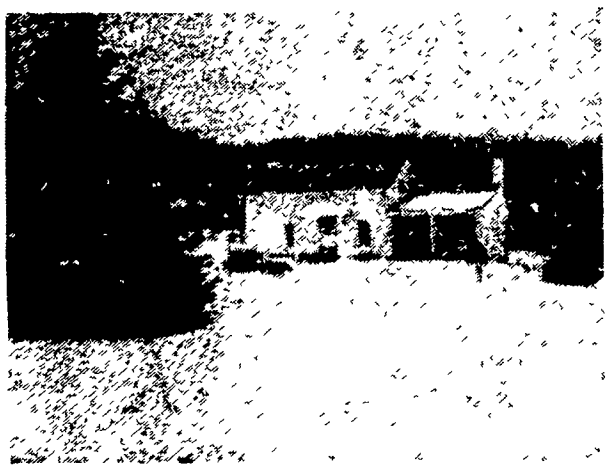
150 acre A-1 dairy farm, barn w/56 stanchions, barn clnr. silo, well, maintained 2 story 4-5 bdrm home 5 mile to town, creek thru, fine corn oat and hay crops. Other out bldgs. Beautiful rolling country. School by bus. $150,000

160 acre farm, barn w/45 stanchions. 2 story 3 bdrm home newly renovated, greenhouse 200x20, only 8 mi to town, school by bus. $150,000

**STROUT REALTY INC.**

Tioga, Pa. Box 327
717-835-5743 Bus.
814-367-5596 Res.
Lee Smith, Lic. RES.

## SafeBuy REAL ESTATE AGENCY INC.



FARMETTE Just a lovely place as you will ever see! This house was built in 1840 by the descendent of Elder William Brester of the Plymouth Colony. The house has been completely remodeled with parts of the original preserved. It has a very large pond stocked with bass, and has a large picnic area with large shade trees. Large two story barn with stalls and heated shop, garage, hay loft. Has fence around large garden spot, grape vines, apple trees, plum trees, and nice root cellar.

The house has 7 rooms, 3 bedrooms, 1 bath, oil furnace & wood heat. There is 51 acres and priced at $63,500. Don't let this one pass you by!

UNIQUE HORSE FARM!! On this 200 acre farm sits a lovely old, but fully remodeled, 10 room house with 5 bedrooms, 2 baths, kitchen and fireplace with marble front. It has an indoor arena 72 x 120 ft., 30 x 70, with 14 stalls, sliding doors inside and out and all new Older barn, 130 x 45 ft with 70 ft L-shape with 20 stalls. Tack room, feed room, storage for trailer or tractor Living quarters, bedroom, bath, kitchen & LIVING ROOM IN STABLE Outside ring 150 x 250 elevated & covered announcer's stand Ring is wired for lights and sound. 2½ miles of wooden fence 2 x 5 with treated posts A large pond It's 20 miles to airport and ¾ hours to the well-known Tioga Park Quarter Horse Race Track It's just a beautiful place and lovely view which can't really be described on paper Just got to see this place to appreciate it. $395,000

**Safe-Buy Real Estate**

RD1, Box 203A, Rt 15 South, Covington, Pa 16917
Phone 717-659-5684 Mon thru Sat 12 30 to 5 P M
After 5 P.M. Call 717-549-4173

REAL ESTATE

REAL ESTATE

## NEW YORK STATE DAIRY FARM FOR SALE

Very nice 115 acre Chenango County Farm, has beautiful 14 yr old two story barn w/50 tie stalls & room for heifers; 2 silos, mow conveyor, 500 gal bulk tank, and barn cleaner Very nice 3 bedroom Ranch house w/fireplace (heats the whole house) as well as almost new oil heat A very beautiful farm & ready for immediate possession Corn is presently being planted Priced at only $79,000

We are equipped to handle lease back situations for investors

**DECKER REAL ESTATE**

Mel Manasse - Associate Broker
Main St., Whitney Points, NY 13862
607-692-3665 or
607-692-4540 (anytime)

## CENTRE CO. FARMS

73 Acre, 62 tillable farm, located in Penns Valley Farm features hardtop road frontage, 10 room frame farm house with central heat, 2 story bank barn with attached loafing shed. Present use is beef All bldgs. are in good condition, $120,000 with owner financing available.

**Unionville Area** - 184 Acre, 12 tillable farm with beautiful 2 story frame home with features modern kitchen, 6 bedrooms, up-to-date heating system, 2 story bank barn and other out buildings Present use is beef, $195,000 Owner financing available

One acre wooded lots plus many additional mountain land tracts at all prices

Call:
**JOHN CURTIN REAL ESTATE**
Bellefonte, PA
814-355-2324
Miles Clevenstine 814-383-2755
James Caldwell 814-355-4454

## 50 ACRES WITH 8 ACRE LAKE

Stocked with fish, excellent well & sewage, joins State Game Lands For sale by owner, financing available, Bedford Co. near Lake Raystown.

**814-652-2319**

**SHIPPENSBURG**
177.5 acres limestone soil, 38 stanchion dairy farm, free stall barn, machine shed, 2 silos, stone house.

**CENTRE COUNTY**
**AARONSBURG**
70 acre limestone soil general farm, loafing barn, nice large farmhouse.

**DAUPHIN COUNTY**
70 acre general farm, $140,000.

**UNION COUNTY**
**WHITE DEER**
140 acre Dairy, 52 stanchions, 3 silos, 126 tilled, 9 room brick house & stream.

**CLINTON COUNTY**
Between Nittany Valley & Sugar Valley. 180 acre general farm, real nice farm ground, large barn, nice house.

**MIFFLIN COUNTY**
104 acre farm, part limestone, 20 stanchions, machine shed, silo, strong cold spring, brick house

**PERRY COUNTY**
200 acres mostly limestone, nice farm land, 60x90 cattle or equipment barn, 40 x 50 block shop, spring, nice house

**We have many other farms.**

**DONALD R. WITWER REAL ESTATE**
Ephrata, Pa. - Office
717-733-4138 or
215-267-7963

#164 - 10 acre farmette, excellent barn, 10 room home & stream, ~~$49,500~~. Reduced to $45,000. Can also be bought w/additional 23 acres & equipment for $69,000.

#191 - 35 Acres, 30 tillable, excellent remodeled home and excellent barns. $89,000.

#183 - 117 acre modern apple & pear orchard, new pack line & 30,000 bu. cold storage, over $285,000 new equipment included - $550,000.

#187 - 25 acres with 35 room brick mansion, second brick home and farm buildings, good for camp $169,500.

#188 - 15 acre commercial property, 1800 ft. frontage, antique and auction house $183,000

#181 - 206 acres, near Danville, 165 acres tillable, 100 beef & 1000 Hog operation farrow to finish. All modern buildings, silo & bunk feeder, completely remodeled house, owner financing available, $310,000.

#170 - 85 acres of land, 60 tillable, 25 wooded, $69,000 Owner financing.

#180 - 5 Acre farmette in Ringtown, large 4 bedroom 5 yr. old home, 2 barns; second new 1 bedroom home, $75,000

#166 - 102 acre farm near Gratz - Lykens Valley, 80 tillable, stream thru, pond, spring water, 20 room home, 4 large barns, plus others, large beef & turkey operation, small down payment, owner will finance, ~~$179,000~~. REDUCED $149,000.

#149 - 75 acre farm, 45 tillable, 15 fence pasture. Balance wooded, 2 streams & pond, 4 bedroom home $75,000.

**Shown by Appointment Only**
**Call or Write**

**STROUT REALTY, INC.**
Licensed Real Estate Broker
Peter Cortelyou, L.R.E.S.
936 East Main St.
Hegins, PA
717-682-3241

33 Liberty Street
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with 9 offices covering 5 counties for your Real Estate needs.
We have over 250 Farm Listings.

**Listed below is just a sample:**

557 Acre Dairy Farm with a panoramic view of the surrounding valley and hills. 330 tillable acres, 158 acres woods. Dairy barn 8 prep stalls and 8 automatic detachers milking parlor. Milk house has 1000 gal. bulk tank, office, utility room plus bath with shower. Other barns and outbuildings. 3 silos, 4 ponds. 3 houses. Hammondsport school district. Call for appt. today. (F-40)

## CORN PRICES!! FAT CATTLE PRICES!!

### Here's Your Opportunity . . .

**540 ACRE BEEF & GRAIN FARM**

- Farm No. 1 - Good set of buildings
- Farm No. 2 - Poor set of buildings
- Farm No. 3 - Fair set of buildings
- 40 Acres of timberland
  (10 acres have $10,000 worth of market trees)
- 450 acres tillable soil
- All 3 farms join each other
- 3 streams on property
- Total of 540 acres - good terms
- All for $864,000 or will sell in parts

**RICH BRANDT REALTORS**
2230 5th St Highway, Reading, PA 19605
(717) 274-3622 (215) 378-1122

**BEEF n' HORSES - 2 LARGE PONDS** 281 acres - about 200 tillable - tucked away on dead end road. 100 acres under cultivation. Thousands of planted hardwoods, 2 wells, good small 2 bedroom home, large barn. $200,000 with owner financing

**HORSE FARM SHOWPLACE** - 200 acres - Superb horse farm features well designed facilities for training and breeding horses plus completely renovated Colonial home and second home for tenant or caretaker Horse barn offers 20 stalls, trainers quarters, tackroom, feed room, machine room and large hay storage Indoor arena has attached building with 10 horse stalls 150x250 outdoor arena has secretary stand wired for sound and lights An equestrians dream $350,000 with owner financing

**EQUIPT VEAL CALF OPERATION** - $55,000 7 room home, large barn, 25 acres

**226 ACRES** - suitable for sheep or beef - Large home needs some repair, big barn, $125,000 00

**ACREAGE** - 133 secluded acres–$45,000, with $9000 down and owner finance

**United Farm Agency of Pa., Inc.**
**Real Estate**
R.D. 1 Towanda, PA. 18848
Tel 717-265-5924

## CENTRAL PA. FARMS

**Clearfield County** - Established KOA campground in Brad ford Twp Woodland, Pa ½ mile from I 80 20 Acres w/addi tional 30 acres available Store laundry boating, fishing & swimming

**Centre County** - Business opportunity in Brush Valley featuring a 40'x40' 2 story commercial building w/20'x24' 1 story attachment that has a walk in cooler, 2 story frame house w/2 baths & 4 bedrooms Both are situated on a 2 24 acre lot in Madisonburg and are in good condition Addi tional 1 58 acres adjoining are available The property also has a storage barn and a corn crib The commercial building has many potential uses and a large parking area Shown by appointment only and reasonable priced at $65,000

**Centre County** - Located near Boalsburg, PA, this 44 acre farm features a good barn & 40 acres of highly productive tillable land It has excellent frontage Sound 2 story frame house and shop can be purchased at a later date for a very reasonable price **$94,500** without house

**Columbia County** - 533 acre grain farm features an ex cellent location between Bloomsburg & Danvile, It has 350 acres of tillable highly productive lant which lays very nice ly There are 3 homes, 2 barns, & a complete grain drying facility with 2 elevator legs & an American Batch dryer The farm has 6 streams & a generous amount of road frontage I-80 divides the farm & each portion could be sold separate- ly to simultaneous buyers Prices Complete farm $1,066,000, 185 acre North of I 80 **$340,000**, 345 acre South of I 80 $726,000 Owner Financing at 7½%

**Northumberland County** - Ideal for general farming, this 138 A farm features approx 121 A of nice laying, highly productive tillable land & a very large 2 story bank barn Adjacent to Milton, it has a large amount of road frontage & pulic water & sewer is available Although the property does not have a dwelling the purchaser can purchase a new dwelling at cost An excellent investment opportunity at a reduced price of **$310,000**

**Centre County** - Bald Eagle area, 93 acre farm, 80 acres tillable, good productive land, no buildings Priced at **$89,000**

### PLANNING TO SELL YOUR FARM?

Selling a farm is more than running an advertise- ment. It involves a thorough knowledge of soils, crops, livestock and financing Kissinger Leonard & Associates Farm Sales Staff has extensive farming and agricultural financing experience, and combined with the firms 45 years of service in Central Pa , a detailed professional farm sales program has been developed. If you are thinking of selling we would ap- preciate the opportunity to explain this program to you at your convenience, without obligation For more information, please feel free to call or write the office or call any of the sales associates listed below.

## CENTRAL PA. LAND, CABINS

Many land parcels and several farmettes available. Free list available

KISSINGER LEONARD & ASSOCIATES Realtors

**FARM & LAND DEPARTMENT**
Evenings Call:

| | |
|---|---|
| Don Myers | PH: (814) 422-8111 |
| Fred Strouse | PH: (814) 364-1705 |
| Mel Rockey | PH: (814) 466-6688 |
| Richard D. Reed (Bedford) | PH: (814) 839-4271 |
| Larry W. Platt (Lewisburg) | PH: (717) 568-5563 |

245 South Allen St. State College

PH: (814) 234-4000
"Serving Central Pa. Since 1933"

## FARMS & MINI-FARMS

Call to set up an appointment at your convenience to inspect these and other farm and rural properties

**F8-322** Snyder Co - Near Mt Pleasant Mills, general farm, good producer, plenty of good buildings, 112 acre w/80 acres tillable $150,000

**R9-77** YOUR RETREAT - nestled at foot of Shade Mountain in Snyder Co , adjoins state game lands, 2 bedroom, country kitchen, fully furnished cottage, double lot w/stream $12,500

**F9-53** 25 acre farmette with 4 bedroom frame house, close to Line Mountain School Land is open with plenty of road frontage, pond $65,000

**F9-52** Snyder Co. near Middleburg, 9 acre ranchette has 3 BR renovated farmhouse w/fireplace, older barn, new 20 ft pole shed, screened patio and more, 2 wells & spring, only $44,900.

**F8-336** Bloomsburg/Catawissa area, 112 acres w/85 acres tillable, presently utilized for beef operation but can be readily converted to dairy, barn & other buildings in very good condition w/1100 ft road frontage House has 5 bedrooms, 1½ baths and family room w/fireplace Excellent condition. $165,000

**Bowen Agency inc.**
**REALTOR®**
22 North Market St.
Selinsgrove, PA

"PHOTOS BY WIRE"
717-374-2165
Evenings call Realtor Assoc

Phil Graybill 717-374-8038
Paul Kuhn 717-374-4144
Guy Graybill 717-374-1524

## SOUTH CENTRAL PENNA. FARMS

**CUMBERLAND CO.**

**Dairy (Newville)**
174 acres (120 tillable) fertile, rolling limestone soil Pasture, timber & stream, 2 bank barns - 1 improved with 24 comfort stalls, 400 gal. tank, 3 unit pipeline & stable cleaner 2nd is heifer housing. Large modern stone house with center hallway, open staircase & 3 working fireplaces.

**General (Centerville)**
Estate type dwelling with special character on this 63 acre duff field limestone farm Large 8 room brick house with 2 fireplaces, center hallway and open stair- case. Bank barn, wagon shed, small silo and other out buildings.

**General (Centerville)**
Enjoy living on this secluded 60 acre fertile rolling limestone farm with Yellow Breeches Creek flowing through meadow-improved with comfortable 8 room brick house with 4 fireplaces - 1 story frame barn and other out buildings.

**FRANKLIN CO.**

**General (Shippensburg)**
160 acres, 130 tillable, large bank barn, tile silo, 10 acres timber, 2 small streams, 2000 ft. frontage on Con- odoquinet Creek and 3000 ft. road frontage, 10 room fairly modern double house (frame and cement block)

**General (Chambersburg)**
94 acre secluded, ideal setting to raise family, com- fortable 3 bedroom frame house, bank barn, small silo and other out buildings, 3 flowing streams and spring fed farm pond, well wooded with special character

### THINKING OF SELLING "YOUR FARM"?

This is certainly an important decision raising many questions -

What is a fair price ? How to find a "QUALIFIED" buyer ? When should I sell ? What about tax con- siderations ? The farm specialists of G I. Ebener & Associates with many years of dairy farming ex- perience and other agricultural involvement, can help you with answers to these and other important questions Selling your farm is one of the most im- portant decisions of a lifetime and merits profes- sional help Write or call us to discuss your objec- tives

**GEORGE L. EBENER & ASSOCIATES, REALTORS**
139 West High Street
Carlisle, Pa
Phone - 243-6195

If you prefer, call any of the Farm Representatives at his home phone listed below
Charles L Wenger - (717) 263-0945
George L Ebene. - (717) 249-4979
Wilber L. Diehl - (717) 258-3231

## SOUTHERN KY. FARMS

256 Acres With Excellent Home From Yesterday Years - 2 Story Stone Home With Columns - Oil Hot Water Heater and Woodburning Fireplace - 2 Baths - Partial Basement - Farm is 90% Tillable - Grade A Milk Parlor, 8 on Each Side - 2 Upright Silo's - 8 Barns - 2 Older Tenant Houses on City Water - Wells and Ponds - Large Tobacco Base

Grain, Oil, and Cattle Farm - 212 Acre Farm Ap- proximately 100 Acres Tillable Remainder in Pasture and Woodland - Modern 3 Bedroom Home - 2 Barns - 2 Excellent Springs - Tobacco Base - and Landholders Interest in 3 Oil Wells Presently Pumping.

Dairy, Beef, Grain, or Tobacco - 496 Acres - 350 Acres Tillable - 100 Acres in Pasture - Remainder in Woodland and Young Timber. Located on Blacktop and Gravel Road - 5 Miles From Progressive Town - Im- proved With 3 Houses - 9 Room Main House - Recently Remodeled - 2 Smaller Tenant Houses - Tool Shed 180 x 30 - 8 Barns Tobacco or Stock - 2 Grain Bins - 2 Upright Silos - Double 3 Milk Parlor - 17000 lbs. of Burley Tobacco Bases - Water Supply by City, Spring, Creek and Small Lake

Cattle and Hog Farm - 147 Acres Grass Farm - 90% Cleared - 3 Bedroom Brick Home - 2 Barns - Good Fence - On Blacktop.

373 Acre Dairy Farm - 2 Upright Silos - 2 Trench Silos - Auto Feed Bunk - 200 Acres Tillable - 17 Unit Choir Boy Turnstyle Lactorium - 1980 Possession.

260 Acre Grade A Dairy - 3 Bedroom Brick Home - Full Basement Double 4 Milk Parlor - Covered Pit Silo - Abundance of Water 40% Tillable - Fenced & Cross Fenced - Ready To Go - You Could Start Milking Tomorrow - See This One Today.

Several Smaller Acreage Tracts

**GREENUP REAL ESTATE & AUCTION CO.**
502-237-4077
P.O. Box 388
Scottsville, Ky. 42164
**James W. Cook**
**Broker**

**LANCASTER COUNTY**

83 acre dairy, 2½ story stone house with 4 bedrooms, modern conveniences. Room for 60 cows, 3 silos, tobacco shed, milkhouse with 350 gal. bulk milk tank, 65 acres tillable, spring fed pond, road frontage along Rt. 897 & between Rt. 322 & 897.

13 acre general farm, 2 story log & frame house, 5 bedrooms, large kitchen, 1½ bath, frame barn & 2 car garage, stream in meadow. Natures beauty revealed in this ideal country farmette.

Farm & commercial property. 74 acre general farm with 2½ story old brick house with modern con- veniences, 4 bedrooms, plenty of closet space, old but sturdy bank barn, old stone mill (needs repairs), marble stone quarry of 15 acres. This farm can be sold as a whole or can be divided into smaller parcels.

58 acre general farm & part commercial property. 2½ story brick house, 3 bedrooms, modern conveniences, bank barn, silo, all road frontage zoned commercial.

46 acre dairy & commercial farm, bank barn with stanchions, large corn barn, tobacco shed, 2 silos, bunk feeder, concrete barn yard, about 50% of farm zoned commercial.

38 acreage woodland.

Building lots in Akron, Denver & Lititz area.

**CUMBERLAND COUNTY**

28 acre going business property. Four businesses in- cluded in sale.
A — Large new furniture showroom.
B — Used furniture showroom.
C — Auction room with luncheonette.
D — Horse show ring with lunch stand & Judges stand.
E — Large 2½ story stone house with large spacious rooms, plenty of road frontage & room for expansion.
F — Stock & Equipment can be purchased at in- ventory.

131 acre dairy, 2½ story brick home with 3 bedrooms & bath, modern conveniences, bank barn with 30 stan- chions, corn shed, heifer pens & implement shed.

**LEBANON COUNTY**

38 acreage near shopping center, road frontage on two roads.

17 acre general farm, road frontage along Rt. 897 & along a township road. Township water available.

**MONTOUR COUNTY**

14 acreage wooded, beautiful view of lake.

**UNION COUNTY**

12 acre poultry farm for broilers. 2½ story house with modern conveniences. Two floor broiler house, 164' x 32' with room for 16,000 broilers, new automatic feeder, shop 15' x 20'

Many Other Properties For Sale Locally or in Surrounding Counties through our Cooperating Real Estate Brokers

**CHRISTIAN M. MOSEMANN**
**REAL ESTATE BROKER**
734 Main St., Akron, PA 17501
717-859-1004 or 717-733-1224 or
Milton G. Huber 717-299-5136

REAL ESTATE REAL ESTATE

## MOHAWK VALLEY

Dairy farms in and around the "Mohawk Valley." One of the largest selections of farms in this Mohawk Valley area. All sizes, all prices.

**When farm hunting, contact:**

**JOHN L. SUBIK, Realtor**

**27 West State Street, Johnstown, NY 12095**
**or Call: 518-762-4942 or 518-762-4451.**

REAL ESTATE REAL ESTATE

## SOUTH GEORGIA DAIRY

620 acre dairy farm with all new milking equipment Upright silos and other buildings for a modern milking operation. Brick veneer houses. Now milking 350 cows plus 375 more bred heifers and calves - all 725 head will be sold with farm All 725 head are Guernsey. Farm is most beautiful, being picture post card pretty. Reasonably priced.

**James Dalton**
**Farm Sales**
**Americus, GA**
**912-924-2911**

## ROCKINGHAM CO., VA. DAIRY & POULTRY FARM

2 64'x328' automated closed type poultry houses, new in 1977, 3 stall milk parlor, 2 silos, 12x30, 20x40 top unloader, 20x70 Madison Nutri-matic, Large loafing shed, bank barn, 2 large machine sheds, 5000 bu. grain bin, 8 room house, deep well, city water, many other extras on 50± acres land, rental available on 80 acre farm adjoining.

Directions: I-81 to 33 West, 6 miles west of Harrisonburg, VA on US 33.

**703-867-9453 after 7:30 p.m.**
**Ask for SAM HEATWOLE**
**Or Write R. LAIRD HEATWOLE**
**(Owners)**
Rt. 1 Box 21
Hinton, VA 22831

PAUL M. Longacre FARMS AND COUNTRY PLACES

**MONTGOMERY COUNTY**
75 acres, $3,500 00 per acre large amount of road frontage **#139.**

40 acre 8 room house and barn ready for renovation Located along Rte 663 Tremendous possibilities **$125,000 #111**

**MONROE COUNTY**
71 acre jug milk operation, 75 freestall barn, two 20x16 concrete silos w/unloaders, 70' bunk feeder, barn cleaner, 300 & 400 gal bulk tanks, 4 stall Surge parlor plus nice 2½ story frame home and 3 house trailers A going operation at ~~$225,000.~~ **Reduced to $185,000. #199.** Cattle & machinery optional

**BERKS COUNTY**
**NEW**
120 acre, 110 tillable dairy farm, good ... freestall barn, Surge parlor, 800 gal ... kers, 20 x 50 concrete silo ... feeding system, stone colo... bedrooms & bath, new kitchen, large living room, other outbuildings A going operation **$240,000.**

SALES AGREEMENT

139 acre orchard, very nice, large sales building, 110 x 60 & 40 x 45 refrig storage, grading rooms & office building Also a good 8 room frame home w/bath & 4 room Summer house w/bath A very nice operation at **$380,000. #241.** 26 acres adjoining property available also, **$108,000 #242.**

... acre horse farm with the most outstanding restored ...storical brown stone eight room house, bath, fireplace, ...est house, smoke house and spring house Very large ... outstanding 16 stall barn with large addition for ...ers, very good limestone soil with enough level land for a ...e track For the race horse lover Registered with Pa ...storical society **$375,000 #117**

208 acre dairy farm Large 9 room stone house with fireplace, & attached frame addition, beautiful setting Large barn with slate roof, 62 stanchions, 20x60 & 12x50 silos, pipeline milker, bulk tank & outbuildings 1½ mile of macadam road frontage running through farm intersecting long fields making hauling easy 160 acres tillable Must be seen to be appreciated **$416,000 #101**

**COLUMBIA COUNTY**
70 acre dairy farm, 60 tillable ... barn, full line of milking ... pletely remodeled frame ... kitchen, 4 bedrooms & 1½ baths, also full line of machinery All for **$105,000 #254.**

SALES AGREEMENT

204 acre jug milk farm featuring 2 homes, main house stone & frame, 12 rooms & bath w/all modern conveniences Second home 2 story w/8 rooms, & bath, oil hot air heat, both in excellent condition Also 130 freestall barn w/automatic feeding, parlor, milk house & holding area One 26 x 70 concrete, one 20 x 30 Harvestore & 5 12 x 45 silos Also new dryer & 11,000 bu storage bin, 4 large equipment buildings & 4 car garage Sales store w/black top lot & walk in cooler, also a full line of modern equipment including 4 tractors, skid loader & combine Also 65 head of cows A very good buy at **$550,000 #247 Call for details**

**FRANKLIN COUNTY**
46 acres with cabin & beautiful wooded area near Chambersburg **$57,500**

**JUNIATA COUNTY**
160 acre beef, swine & chicken farm 130 ...ble, very nice 2 story home, 8 rooms & bath ... w/30 acres of newly fenced past... ...ming house & 3 story block b... ...pletely auto A nice laying farm, Call for ... **$230,000 #251** Also acreage available for rent with farm

SALES AGREEMENT

117 acre orchard w/road side store market featuring walk in cooler & large cold storage There are apple, cherry & peach trees, a lovely 2 story home w/6 rooms, bath & laundry, all modern A family operation & a very good buy at **$195,000 #246**

**SULLIVAN COUNTY**
**NEW**
153 acre dairy farm, new 80 comfort stall barn, 1000 gal bulk tank, 6 unit Surge Pipeline, heifer barn, 27 stalls & open area, 26x70 silo w/loader, 10x60 silo w/unloader, some hay & silage included A very nice operation **$210,000. #266**

**BRADFORD COUNTY**
**NEW**
213 acre 120 tillable, contoured dairy farm, 38 plus stall barn w/cleaner & bulk tank, 2 story heifer barn, 18x50 concrete silo, large 2 story home w/modern kitchen, living room, dining room & 5 bedrooms & other outbuildings **$188,000. #264**

310 acres, 200 plus tillable, very nice laying farm, 68 tie stall 2 story modern barn, pipeline, bulk tank, (2) 20 x 60 concrete silos w/unloaders 54 freestall barn for heifers & dry cows, large machine shed, other storage barns, conveyor, 2 ponds & creek, 4 bedroom modern home, cattle & machinery optional, **$350,000. #258.**

92 acre dairy farm, 36 stall barn, 420 gal bulk tank, barn cleaner, silo & more Featuring a nice 2 story home w/modern kitchen, living room & family room, 4 bedrooms & bath A very good buy at **$89,000. #252.** Also field machinery available

290 acres, 220 tillable dairy farm, 102 stall barn, pipeline milker, bulk tank, barn cleaner, fans & heifer stalls, large machinery shed & heifer barn, new insulated shop, 2 18 x 50 concrete silos w/unloaders, 20 x 50 Harvestore silo & other outbuildings Four nice dwellings, a mobile home & several nice ponds, make this a real buy A real going operation at **$470,000.** Cattle & machinery optional Also 150 acres available for rent **#239**

98 acre, 60 tillable, good dairy barn, 47 tie stalls, heifer stalls & pens, bulk tank, barn cleaner, 20 x 60 concrete silo w/unloader, all equipment in good condition, **$105,000.** Cattle optional Also 100 acres available for rent **#240**

16 acre hunting camp w/frame house, nice kitchen, large stone fireplace, cathedral ceiling, fenced Also 2 barns, milkhouses, grainery & garage Spectacular view, **$49,000**

**REDUCED**
243 acres, 110 tillable good alfalfa ground, 2 houses both remodeled Main house has 8 rooms including modern kitchen & bath Second house has 6 rooms & bath Both automatic heating 61 stall barn, barn cleaner, 630 gal tank, milk transfer system, 2 concrete silos w/unloaders, 2 tool sheds Room for 85 cattle **$230,000** Now operating with cattle optional Also 200 acres available for rent **#226.**

**WOODED ACREAGE**
(2) 25 acre tracts **$14,250 ea**
10 acre tract **$6,000.**
13 acre tract **$7,800**

**CHESTER COUNTY**
10 6 acres of nice open ground, Newark area Ideal for farmette or development Call for details **$79,500 Reduced $68,500.**

**SUSQUEHANNA COUNTY**
**NEW**
100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000 #267**

**NEW**
Lovely 3 bedroom Cape Cod on a 2 acre lot w/bath, oil hot air heat, detached 2 car garage & 24 x 30 barn, nice setting **$44,800. #268**

40 acres of woodland, **$26,500**

67 acres wooded w/spring & lots of deer, **$35,000**

Several other parcels available

148 acres beautiful woodland located near Elk Mountain ski area **$83,000**

**LUZERNE COUNTY**
158 acre 130 tillable Dairy farm w/2 homes Main house is lovely new split level, w/8 rooms, 1½ baths & fireplace Second home is 2 story 8 room & bath, all modern A 106 free stall barn, 8 stall Surge parlor, 1200 gal bulk tank bunk feeder, & 20x80 Harvestore silo 2nd barn is used for dry cows & heifers w/2 16x40 silos & feeders All for **$290,000.** Cattle & full line of machinery optional

82 acre X mas tree farm in excellent condition, beautiful old frame 10 rm home, 5 bedrooms, 2½ baths, fireplace, kitchen, etc Barn, grainery, silo, and garage 10,000 X-mas trees ready to go 25,000 total trees A nice home and a good business opportunity **Priced to sell $168,500 #172.**

**SNYDER COUNTY**
170 acre dairy farm, 100 tillable, very good ground, 2½ story home w/modern kitchen and bath, living room and 4 bedrooms, 34 stall dairy barn 10x40 silo, double corn crib, 2 nice wagon sheds, level, call for details **$225,000 #271.**

**YORK COUNTY**
160 acre 130 T... ...house, large bank ba... ...outbuildings, nice laying land **$22...**

SALES AGREEMENT

**LEHIGH COUNTY**
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$190,000 #145**

**POTTER COUNTY**
40 acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side **$20,000 #109.**

**TIOGA COUNTY**
**NEW**
Near the edge of Bradford Co 300 acre 185 tillable dairy farm, 51 stall barn, barn cleaner, pipeline, bulk tank, fans, heifer barn, machine shed, 20x50 & 12x50 concrete silos w/unloaders Hay mow conveyor, modern 2 story 4 bedroom house, kitchen, livingroom, diningroom, oil hot air heat, 87 head of cattle & full line of machinery hay & silage A going operation complete at $270,000

**OWN YOUR OWN VALLEY,** 784 acre dairy farm 590 tillable, 110 good pasture w& nice stream & remainder woodland with 100 plus freestall barn ... tic feeding system, double 6 Herringbo... ...0 gal tank storage, (2) 20 x 60 ... & 2 other silos, bank barn & 3 hou... is a modern 1½ story 12 room home with ...oms & new bath Second house is 2½ story with modern kitchen & bath, 3 bedrooms, living room & dining room Second bank barn for heifers & hay storage, & a third house 2½ story 8 room & bath Much more, all for $475,000 #263

SALES AGREEMENT

**Selling or buying a farm is more than a simple business transaction. All of our salesman have been engaged in aspects of farming. We have a good knowledge of farming & farm finance & are geared to help you with quick and reliable service. Our agency force throughout the state is ready to serve your needs today. If you are thinking about buying or selling, please call us for a free consultation. Let us help you achieve your higher goal.**

OTHER FARMS AVAILABLE
**Please Call and Tell Us Your Preference**

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215 857 9619

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**TIM FRANKLIN**
Lycoming Co
717-326 1675

**JAMES TWIGG**
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717-264 9261

**AMOS BALSBAUGH**
Lebanon Co
717 949 6534

**HAROLD SHELDON**
Susquehanna Co
717-727-2881

**JOE SIEBER**
Juniata Co
717-463-2181

**KEN THRUSH**
Columbia Co
717-784-5023

**JAMES SHOEMAKER**
Bucks Co
215 536 7888

**RAYMOND SWARTLEY**
Bucks Co
215 257-6425

## REAL ESTATE

TOP-NOTCH DAIRY FARM — 200+ A, with 100 A, tillable (gravel), 40'x180' barn w/74 tie stalls, 40'x50' addi. w/24 heif. stalls, machine bldg.; nice 4 bdrm. house with new kitchen, & bath, full bsmt. w/laun. & garage. 2 bdrm. tenant house, pond, 4 silos Includes some equipt. Call.

OPERATING DAIRY FARM — 200 A, w/70+ tillable, cmt. blk barn w/38 tie stalls, box stall, silo w/new unloader, heif. barn for 15+ animals, out bldgs.; very nice 4 bdrm. home; buy equipt. or bare Quick sale $87,500.00.

COUNTRY FARM OR BUSINESS — 64 A. w/tillable, pasture & 25 A. woods. Lovely 2 story home with new oak kit., din -liv. w/FP, 2 baths, many new features, full bsmt ; also lrg. 3 story barn w/living area, heating & plumbing; will sell w/or w/out barn facilities & min. acreage Call for more info.

Other res., lake, farm, and comm properties available.

**NORVEL T. REED, JR., BROKER**
**Call anytime (716) 761-6004**

**SOUTHWEST REALTY**
**191 W. Main St.**
**Sherman, NY 14781**

## REAL ESTATE

## MAILBOX MARKET

For Sale JD model 50 front side mounted mower all complete to fit 3020 or similar model 215 267 7349

Wanted- 8N Ford tractor, any condition, 717-865 4594

For Sale 3 purebred Yorkshire boars, 717-865 4757

For Sale- 601 Ford tractor with 2 bottom plow, 6 ft rear blade, dirt scoop and chains, will sell separate, 150 round locust posts, York Co 717-252 1381 after 5 p m

For Sale- New Perfecto Coal oil stove, 3 burner, $50 Lancaster Co 215-267 2036

For Sale- High lift dump body, good for roofers or coal, reply to P O Box 92, Summit Hill, PA 18250

For Sale DeLaval 76 Vacuum pump, 3 hp motor and large vacuum tank, all for $475, will sell separate Lebanon Co 717 949 3847

For Sale- 30 sows bred to Yorkshire boar $250, Reg Yorkshire feeder boars and gilts, Holstein dairy cow, feeder pigs, 717-362 3149

For Sale- Appaloosa gelding, 6 yr , well broke $600 to a good home, 717 665 7144 Lancaster Co

For Sale Cocker spaniel male, black, AKC, 6 yrs , excellent proven stud, $85, Lancaster Co 717 665 5770

For Rent- 15 acres of good pasture with shade and water for 12 head young cattle Wanted About 50 good 12 ft fence rails Earl Yorty, Hummelstown, PA 717 566 0092

For Sale 3 registered Hampshire boars and 6 gilts, Ear-notched and wormed, 7 weeks old, Franklin Co 717 264 3127

For Sale 2 yr old Morgan mare colt, Jonas K Zook, Loganton, PA 17747

Wanted Help to pick strawberries, peas, 15 yrs & up Apply at Zimmerman's Farm Market, 320 E Main St , Leola, PA 17540

For Sale- 3 yr old Reg Quarter horse stallion, gentle, for good rider, Sorrel, blaze, 717 367 4635

For Sale 3 Gray Toulouse geese, 1 gander, 2 hens, $30, 1 miniature Schnauzer, 5 mo $150 AKC reg , Radiator, oversize, 1972 Ford pickup, $65 York Co 717-938 4222

For Sale Fresh cow second calf, half Holstein half Guernsey, good producer of rich milk $800, Huntingdon Co 814 643-5149

## MAILBOX MARKET

Wanted Small irrigation system for several acres, V T Petersheim, Rd 2 Box 315, Mifflintown, PA Juniata Co

For Sale- JD 145 manure loader with 5 ft bucket and manure prongs, new, Dauphin Co 717-545-2950

For Sale- Wheel horse garden tractor with mower and JD FB grain drill 15x7 with hydraulic cylinder operation, Cumberland Co 717 486 5942

Used JD 4400 SP gas combine with 13 ft platform and 4 row 38" corn head, Somerset Co 814 634 0437

For Sale- 42 ft JD bale/ear corn elevator with 3 hp motor and electric hoist, Kenneth Ketterer, Rd 2, Newville, PA 717 423 6250

For Sale NH 67 hayliner baler $400, 717 866-5455 Leabnon Co

For Sale- 70 pieces used galvanized tin 11 ft x 26" cheap, Wanted- NI tobacco planter, Christ F King, Rd 2, Box 108, Christiana, PA, Near Andrews Bridge

Reg Australian Shepherd male, 4 mo black tri, guaranteed to work livestock, great companion, $75, 609 499-3737 Burl Co 215-329-3976 Phila Co

For Sale 10 acres of Clover hay to make, 200 bales mulch hay to sell 717 362 8962

For Sale- Ford 2 bottom 12 in 3 pt hitch plow Int ground driven manure spreader, Int 45 hay baler, Ford 8 ft 3 pt disc, Columbia Co 717 458 4335 eves

For Sale 311 Ford 4 row corn planter, good condition, Franklin Co 717 532 8427

Wanted 3-5 gal milk cans with umbrella lids to use for milk, Lebanon Co 717 964 3097

For Sale 2 seat surrey with fringe top, 2 run abouts, and 2 sleighs, all in good condition, reasonably priced, Bucks Co 215 598 3220

For Sale- Hay wagon with thrower sides, IH 460 tractor, IH 16 chopper with 3 heads, 10 ft fertilizer spreader, IH 33 hay conditioner, 215 847 2619 Bucks Co

For Sale 2 pair twin dehorned female goat kids, $35 each Kenneth Wambaugh, Stewartstown, PA 717-993 2495 2

For Sale JD 55 combine, 12 ft grain head, 1 owner, 3 miles southwest of New Oxford, Adams Co 717 624-2736

## MAILBOX MARKET

For Sale 5 Identical Holstein heifers Corn July & Sept 1978 all NEBA sired Perry Co 717 789 4496

For Sale 8 Room house coal and wood furnace near Richfield Snyder Co Public School and Christian Day School Priced to sell 717 694 3822

Rustic Rural Retreat, Old 7 room log farmhouse, barn, 50 acres of Christmas Trees, hardwood and pasture, $48,000 by owner, 717 758 8359

Wanted Fenders for JD 3020 also 16 9x38 tires, wheels and rims for same, will trade 16 9x34 tires, wheels and rims, Lebanon Co 717-866 7213

For Sale Service age purebred Yorkshire boar, John S Nolt, Rd 1, New Holland, PA 717 354 9370, Lancaster Co

Wanted Egg washer for baskets with stainless steel tub, 110 or 220 volts, state price and condition, to Calvin N Kauffman, Rd 1, Hamburg, PA

For Sale 9 beef cows with calf at side, or 7 breeding age heifers, Hereford Charolais Cross Norman Brothers, Tioga Co 717-324-2891

For Sale Corn head for Cleaner A combine, 2 row 40", New Castle Co , DE 302 834 7143

For Sale- Farmall tractor, 4 new tires, weights, F & R hyd , lights, pulley swinging draw bar, A-1 condition, #32 Biro band meat saw 717 385-0723 Schuylkill Co

For Sale- 1972 Ford F-600 truck, 17 ft body, #4 inspection, Dean McKay, Tioga Co 717-549-7191

For Sale JD 7 ft No 8 grass mower, 18 ft flat bed wagon, Lancaster Co 717-665-4985

For Sale- JD 45 combine, cab, corn, soybean special with 234 corn head and 12 ft hume reel, 717-425-2469 Northumberland Co

For Sale- direct cut grass head for Papec 32A harvester, 717-235 4026 Ray A Keeny Rd 2 Box 112A, New Freedom, PA

For Sale Reg heifers with size, due June, 2 RORA Elevation, 1 AI with good pedigrees, Enos B King, 2065 Horseshoe Rd , Lancaster, PA

Wanted Large electric milk cooler, Centre Co 814-355-5092

For Sale Lambs, about 40 lb $65 each, 301 831 7624

For Sale 3 young bred sows due in 2 weeks Levi S Nolt, Rd 1, Leola, PA 717-656 9565

For Sale NH 717 1 row chopper, Jamesway full fill silo unloader, 16 ft pipe and all attachments included, Delaware Co 215 356 1089

For Sale 5 New Surge S S pull feeders for Right or left Lancaster Co 717 687 6361

For Sale JD 730 diesel tractor, 3 pt good shape, JD 4 row cultivator, Wanted JD 48 manure loader, Berks Co 215-682-7811

For Sale- Int 141 combine, 10 ft header, hume reel, 2 row corn head, $1800, Bucks Co 215 257 4880

For Sale Columbia Kitchen stove with resevoir, 717 656 7914

For Sale 130 MF manure spreader, like new, Call 717 733 9252 Lancaster Co

For Sale Int No 420 3 pt 3-16 plow, Int 7 ft 3 pt disc harrow, 1 2 seated spring wagon, excellent condition, John N Wenger, Rd 1, Box 237, Meyersdale, PA

For Sale- Ear corn $70 ton, 26 ft corn elevator $175, Conestoga, Lancaster Co 717 872 5728

## MAILBOX MARKET

[illegible] Stoltzfus [illegible] R2 Narvon, PA 17555

For Sale Storm front carriage used 4 yrs Jacob S Stoltzfus 39 Colonial Rd Gordonville PA 17529

For Sale NH 68 baler good condition, with or without motor, Lancaster Co Abram F Smoker Rd 1, Kirkwood PA 17536

For Sale 1 3 yr old sorrel gelding work horse, Wanted JD tobacco hoers, Elmer S Glick, 99 Zooks Lane, Lancaster, PA 17601

For Sale AC Gleaner L diesel combine 13 ft header and 438 corn head, air & heater, JD RG4 cultivator, 2 7x14 flat wagons with sides for ear corn, Bucks Co 215-794-7364

For Sale Excellent bloodlines porduced beautiful Shropshire ram and ewe lambs, see them eves or weekends 717 949-3653

For Sale 71 Chev 18 ft flat dump, 72 Ford 16 ft flat dump, 70 Ford 12 ft flat dump Dauphin Co 717-692-4444

For Sale- JD 12A combine with engine and bager, $100, Lebanon Co 717-949 3020

Wanted- 6 gas brooder stoves, 12 1 gal water jars and 20 small hanging feeders, Lancaster Co 215-445-5649

Like new Astoria Fibra steel tool chest for standard wide bed pickup, will never rust, extra large capacity, Originally $368 42, will sell $225, Lancaster Co 717-569-8756

For Sale- Fresh Holstein heifer, 28 mo old, Mookown daughter, 4-H project, York Co 717-229 2131

For Sale- NH 45, 46, 47 mower, NI 45G 4 bar rake on rubber FREE- kittens, Dauphin Co 717-896 3656

For Sale- Eaton rear axle to fit on most Int , Dodge, etc , bus or truck, 600 series, Sch Co 717-345 4028

For Sale- Int flail chopper with blower, 717-927 6580

For Sale Vicon haybine $3500, good condition, 609 769-1868

For Sale 1880 NH harvester with 3 heads, (2 row, 3 row & direct cut), gas, good condition, Lancaster Co 717-665-7709

For Sale Reg Yorkshire boars, breeding age Carl R Yoder, Holsopple, PA 814 479-4996 Somerset Co

For Sale Farmall 706 diesel, has high fenders, wide front end and new torque, good condition, Berks Co 717 933 8713

For Sale- Clintland oats from last year certified seed, left over from spring seed sale, given at reasonable price for feed purpose, Berks Co 215 683 3039 after 7 p m

For Sale 34 head home raised Charolais steers, ranging from 300 to 800 lb 717-345 4489 after 5 Schuylkill Co

For Sale Reg quarter horses 1 mare, 11 yrs 15 2, 1 2 yr mare 15 1, 1 yr old gelding, 717-758 4633 Northumberland Co

Wanted Looking for some gentle inxepensive kids or goats to buy for our small farm, Berks Co 215 944 7333 after 4 p m

For Sale Conde milker pump pipes for 33 cows and 3 units with rotating pulsation, Lancaster Co 717 786 1640

For Sale- 10 acres good bottom land in Bradford Co , 3 bedroom remodled home, view, hunting and fishing, 717 364-5786 or 703 433 0032

For Sale NH 8 forage wagon good condition, Marlin Lesher 717-648 6068 Northumberland Co

## MAILBOX MARKET

[illegible] Irrigation pump with motor 2 suction 2 discharge excellent condition, Wm Fansler, Rd 10, York, PA

For Sale 1975 Silverado ¾ ton 4 wheel drive AC tilt wheel, bucket seats, 4 speed, many extras, Lebanon Co 717 865-5384

For Sale 19 young healthy unshorn ewes, mostly PB Suffolk, 2 registered, 22 mo old lambs, no splits, $2500, Lancaster Co 215-593-6530

For Sale Tobacco plants first week in June, Abner K Glick, Rd 1, Box 50, Christiana, PA Along Rt 372

For Sale- Oliver 348 3 bottom reset plow, $1350, 2 row wide corn head for NH 880 or 890 harvester $900, Shippensburg, 717-423-6188

Wanted Old house in S Lancaster Co to buy and restore, small and at least 150 yrs old, D Harry, 1212 Sycamore Mills Rd , Media, PA 19063

For Sale- Approx 130' 2" walnut, 100' 2" oak, ash, maple lumber, 300 1" mixed lumber, dry, best offer takes it Russell Herbster, Calvin, PA 16622

Wanted- Rototiller for IH cub cadet, NH 461 haybine, York Co 717-292-4693

For Sale- 6 yr old brown registered quarter horse gelding, has been shown in pleasure, good with children, asking $825, call after 4 p m 717-779-1674 Berks Co

For Sale- 6x20 ft. gooseneck cattle trailer, like new, Lancaster Co 717-656-8707

For Sale- 8 cows and 9 heifers, 1 bull, all Angus Hereford Charolais cross, good shape, some with calves, Bucks Co 215-257-6012

For Sale- Good mixed hay, some timothy and some red clover, 717-448-2994 Wayne Co

For Sale- DeLaval milker with elec pulsator, Bender dumping station with 100 ft hose, very good condition, w/teat cut washer, S S strainer, York Co 717-259 7070

Border Collie puppies For Sale- excellent working dogs or as pets Chester Co 215 593-6521

For Sale- 2 buggies on steel, 1 on rubber with brakes, good shape, double butcher furnaces with gas burners, 215-445-5552 Lancaster Co

For Sale- 800 bales good timothy hay, no rain, $45 ton at the barn, Snyder Co 717-539-8271

For Sale JD 2 row corn planter, 3 pt $250, JD 2 row cultivator $100, FAC 2 bottom plows $100 215-582-8186 Berks Co

For Sale Cast iron free hanging 42" sink $35, galvanized double bowl laundry tub $25, Berks Co 215-777 4579

For Sale JD dump wagon with hay racks, cement stave silo 12x30, 4" steel posts 13 ft long, York Co 717-862-3833

For Sale- Int 10 grain drill 13x7 with grass seed attachment, D D openers, Mechanical lift, very clean $1350 Lebanon Co 717-867-4944

For Sale- Ford Rotary cutter L N $600, Papec weed sprayer 10 row boom fiberglass tank $600, NI corn husker, single row $600, Lehigh Co 215-298-3777

For Sale- Sawmill with 52" blade inserted teeth, 3 head blocks need some frame work, Robert E Welsh, Spring Grove, 717 225 4250

Wanted Holstein heifer calves, Andrew Weber, 215 445-6565

## MAILBOX MARKET

For Sale- 1 gal size Monoflo Medicator Pride of the Farm 12 hole self feeder, both good condition, Lancaster Co 717-354-9985

For Sale- Reg Holstein cows and bred heifers due in July and August, Clifford LeVan, Rd 3, Box 64, Milton, PA 717-742-7008

For Sale- 7 yr old Standard bred buggy horse, traffic safe and sound $600, Noah W Leid, Rd 1, East Earl, PA 17519

For Sale- 71 Chevrolet Impala cultivators to fit Case tractor, parts for IH and Case combine and 133 Case baler, Bedford Co 814-623-9270

Wanted- 30x48 barn, attached loafing shed, need before winter in Schaefferstown area, 717-272-2104 after 7

Wanted- 4 good stock, bred sow or gilts to freshen June Write price, Breed, Due date, etc to Levi Kinsinger, Rd 1, Kirkwood, PA 17536.

For Sale- Myers ejector shallow well water system, automatic clorinator, John J Lapp, Rd 1, New Holland, PA

For Sale- 6 bred gilts to farrow in June, 12" I beams $7 50 per ft over 3000 board ft of heavy beams, mostly white pine, take all at $ 10 per board ft Kreiders Mum Farm, 717-626-6805

For Sale- 2 Jerseys, 4½ yr old cow, her Ogston daughter 2½ yrs , good producers, machine milked $500 each, Wayne Co. 717-729-7661

For Sale- pickup grass head for NH 601 or 611 field chopper, 2 pt hitch tandem disc, 914-439-4718

For Sale- 11 5 ft V type hen feeders, $2 each, 12 10 hole metal nests, $3 each, Cast iron porcelain kitchen sink, $30, Lancaster Co 717-656-7714

For Sale- 100 DeKalb pullets now and 700 for July 13, orders taken for 2000 Sex Sal for Nov Henry K Beiler, Rd 1 Box 120, Along Vintage Rd., Christiana, PA

For Sale- Approx 100 acres standing mixed hay, best offer takes all, Located Tioga Co. between Knoxville and Westfield, 215-323-4597

For Sale- Reg Duroc and grade hogs, good bloodlines, all ages, 607-369-9394 Don Boyd, Sidney Center, NY

Wanted- Draft arms and lift links for 3 pt hitch on 4010 JD, Lancaster Co 717-529-2712

For Sale- Army trailer 4'6x9, good for farm, Owatonna S P windrower No 90, mechanics Special $300, Wisconsin VE4 engine with clutch, engine tight, $40, York Co 717-229-2346

For Sale- AC 72 PTO combine, good condition, NH 110 bu spreader, like new, wheel driven, Columbia Co 717-784-0628

For Sale- Top quality oats, wheat and oat straw, mixed hay with no rain, Northumberland Co 717-672-2428

For Sale- 1970 Chevy truck, C-50, 350 V-8 motor, 4 speed trans, 2 speed rear, 21,000 GVW, $1900 or best offer, Lancaster Co 717-656-7898 after 6 p m

For Sale- Detroit diesel motor 3-71 in good condition, $1100, Lebanon Co 717-273-6018 after 5 p m

Beautiful 5 yr old sorrel pony stallion, light mane and tail, Near York, 717-741-2968

For Sale- English hunt seat saddle, good condition, Suede knee rolls, $150, Lancaster Co 717-665-7144

For Sale- MH Clipper combine, pull type with bagger, good condition, also have owners manual, 717-569 8130

## MAILBOX MARKET

For Sale- IH 4 bar hay rake tedder on steel, nothing broken, field ready $135, Fred. Co. 301-845-4561.

Wanted- Backhoe to fit Ford 800 tractor, 3 bottom 14" plow, Balt. Co 301-833-3254.

For Sale- Hay wagon, 16 ft. long and 8 ft. high kicker sides, oak bed and sides with hinged rear door $600, Chester Co. 215-827-7125.

For Sale- Black walnut trees, standing, York Co. 717-225-5881.

For Sale- 10½' Dreamer ¾ ton truck camper, sleeps 6, stove, gas refrig., toilet, 10 yrs. old $900, Franklin Co. 717-263-1704.

For Sale- NH haybine, model 469 & Int. backhoe buckets 24 & 36", Dauphin Co. 717-657-0606 eves.

For Sale- 8 50 lb. Surge bucket milkers with jet flow shells $20 each, dumping station with 100 ft. hose and motor, JD 420 tractor good shape, 717-867-2611.

For Sale- 5 goat kids, 2 male $20 each, 3 female $30 each, Frederick Co 301-293-1753

For Sale- 4 row cultivators for 4020 JD $395, 2 row Ford cultivator $225, 122 JD chuck wagon, good $1150. Frederick Co. 301-829-2060.

For Sale- Clay motor powered silage cart in running condition, Potter Co. 814-367-5288.

For Sale- ½ ton electric winch 3 ph., emergency lights for public building, Cumberland Co. 717-776-3967.

For Sale- 100 acre farm with large home near an Eastern Mennonite church and school in Central PA, 717-354-8453 before 8 a.m or after 9 p.m

For Sale- 540 PTO shaft, can be used on 100 hp. tractor, 215-267-2251 Lancaster Co.

For Sale- JD 45 combine parts and very good JD motor, Montg. Co 215-822-2542

For Sale- Schramm air compressor, model 75 CFM, portable $1000, Lehigh Co 215-262-8800

For Sale- Tin containers, 30 lb. capacity, 4 gal. with lid, Sam King, 2 miles north of Georgetown on Bellemont Rd

For Sale- Wisc. engine VE4 with clutch, good condition, clean, runs perfect $300 or best offer, 215-968-5181 Bucks Co

For Sale- IH 230 tractor with 2 row cultivator, IH 56 4 row corn planter with plastic fertilizer hoppers, 215-756-6077 eves.

For Sale- Walnut trees, all kind of standing timber, Honda 70 trail bike, NI flail chopper, new drain tile, 717-789-3192

Goats For Sale- 3 buck kids, $35 each, Berks-Lebanon-Lancaster Co. corner, 215-589-4002 after 5 p m

For Sale- 70 Chevy ¾ ton truck, 2 row corn planters, no fertilizer, grain drill, 2 bottom plow on steel, Am wire fence, Franklin Co 717-328-5310

Wanted- Slate black boards and school desks, Ivan S Martin, Rd 1, Shippensburg, PA 717-532-7922

For Sale- 1975 Kawasaki 500, $325, 717-665-5925

For Sale- F I. Open gilts, Hampshire & Yorkshire cross, Wanted- Goood dry shelled corn, Berks Co 215-488-1402

For Sale- Amish buggy in good condition, 717-442-8312

For Sale- 1973 Dodge 4x4 ¾ ton with power brakes and steering, automatic, new box, new wheels and tires, very good condition, 717-998-9041

## MAILBOX MARKET

For Sale- 1 yr old English bull dog, female, AKC, weight 30 lb $150, 301-334-2893

For Sale- White rabbits, Lancaster Co 717-626-4240

For Sale- Penbel Tobacco plants, Lancaster Co 717-665-4092

For Sale- 1976 GMC pickup, stick, FM ½ ton 8 ft. bed, $3000 or best offer, Lancaster Co. 717-284-4725.

For Sale- Spring wagon, good condition, Menno Z. Martin, Rd 1, Denver, PA 215-267-2782.

For Sale- MF 71 side mounted grass mower, fits MF 35, $300, Berks Co. 215-683-7230

For Sale- Gehl high throw blower, good condition, Berks Co. 215-944-7453 or 944-0263.

For Sale- Good standard bred buggy horse, out of Adios Senator, Henry B Stoltzfus, Buena Vista Rd, Rd 1, Gap, PA 17527.

For Sale- 1963 ¾ ton Chevy truck parts, rear end, windshield, doors, bumper, JD 40 crawler center piece 717-733-0223 Lancaster Co.

For Sale- Ford 750 with grain box and 12 ton hoist, no motor, Lancaster Co 717-548-3504

For Sale- 10 3 way cross 2nd litter gilts due mid-June John R Martin, Rd 3, Hahnstown Rd, Ephrata, PA

For Sale- 14 ft Holiday travel trailer, inspected, new brakes, Lancaster Co 717-786-2030

For Sale- Dairy farm, 212 acres, Long Ray's Hill, Bedford Co. $195, 814-784-5769.

Wanted- Bred gilts or sows due beginning of June, For Sale- 2 tires, 18.4x30 on 16 in rims, best offer, Cumberland Co 717-776-7636.

Wanted- Used 12 to 16 hp. gas engine, double axle ball hitch 4000-6000 lb. trailer, Lancaster C. 215-484-2517

For Sale- 1½ hp air compressor, JD disc, Carl M Mohler, Rd 2, Stevens, PA

Nanny goat presently milking 1 gal day, $40, Joe Zook, 40 Queen St., Intercourse, PA

For Sale- House and 16 acres East Fallow Field Twp, $80,000, Chester Co. 215-384-4729

For Sale- Whirlpool freezer, upright, 15 cu ft excellent condition, $75 215-869-9397 after 5 p.m

Wanted- Overhead garage door, 9 to 10 ft high, 10 to 12 ft. wide, Lancaster Co 215-445-6862

For Hire- school boy for the summer in Lancaster area, 717-656-9570

For Sale- Heavy duty wood pallets (skids), 2x4" tops, 4-4x4" runners, 49x49" square, 58x58" square, like new, $5 each, Lancaster Co 717-687-6553

For Sale- 4 good beds of red worms, approx 4 ft x 8 ft each, Reason- increased job responsibilities, reasonable offer all or 1 Adams Co 717-624-8197 or 359-7411 eves

For Sale- Int 56 blower, heavy duty PTO, used 1 yr Wanted- 2 row narrow corn head for AC 780 or 782 harvester, Centre Co 814-349-8010

For Sale- 600 bu oats, 1200 bu Barley, 3 Reg Holstein cows fresh, 1 with over 20,000 milk, Berks Co 215-488-1965

For Sale- 1 row potato harvester, ideal for family farm $800, 150 bu potato bin wagon, $500, 717-626-8912 Lancaster Co

For Sale- 11 Big Dutchman poultry waterers, good working order $8 each, 215-445-6423

## MAILBOX MARKET

Reg[illegible] hog bred for June kidding from Diamond Sunshine line $150, Berks Co 215 856-7118

For Sale- Reg Purebred Charolais bull, 4 yrs smooth polled, excellent confirmation easy calfing, 717-799-5505

Wanted- 3 DeLaval milkers with sterling pulsation, old chicken cages, Aaron K Fisher, 141A Queen Rd., Gordonville, PA 17529

Wanted- 20x60 Harvestore, white top with Goliath unloader, Montgomery Co 215-754-7316.

Wanted- Good used corn drag, Levi S Fisher, Jr, Rd 1, Box 449, Paradise, PA 17562

For Sale- 1963 Int cattle truck with 9 ft body, locust posts, sawed and round, 234 Int corn picker, Wanted- PTO pulley for 1650 Oliver tractor 717-637-0206 or 637-4887.

For Sale- Badger barn cleaner in fair condition, $500, Myron King, Rd 1, Lebanon, PA 717-272-0685

For Sale- NH 717 harvester with pickup $800, NH 404 crusher, $300, old farm wagon, locust posts, will trade Suffolk ram lambs, Dauphin Co 717-469-2377

For Sale- Hay- alfalfa & orchard grass, no rain $50-100 a ton, 215-777-0069 after 5 p m Berks Co

Official ADGA goat shows, June 2 & 3 at Lebanon Fairgrounds, Judging starts 9:30 Contact Lewis Demler, Rd 1 Box 824, Newmanstown, PA

For Sale- 268 NH baler with thrower, good condition $1400, Cumberland Co 717-776-5492.

For Sale- 60 Acres alfalfa, may buy all or part, Cumberland Co 717-776-3288 Paul F Detweiler

For Sale- JD 45 combine with 10 ft. grain and 234 corn head, York Co 717-637-1136.

For Sale- 3 in Gorman Rupp PTO irrigation pump, 1050 ft 5 in pipe, 1000 ft. 4 in. pipe, 300 ft 3 in. pipe, Union Co 717-524-6036

Wanted- JD 45 loader For Sale- JD 10 mower, ND 1 crimper, 717-872-5663

For Sale- AC 4-14 semi mounted trip beam plow, good condition, $400, JD 40 combine, runs, needs some work $350, Bucks Co 215-794-8368 or 794-8471

For Sale- Riding mower, 5 hp, 24 in. cut, runs well $90, or trade for cap to fit Ford 8 ft fleetside bed, Berks Co near Boyertown, PA 215-367-8194

For Sale House to be torn down, John S Beiler, 3713 Ridge Rd, Gordonville, PA 1 mile NE of Intercourse

For Sale- Morgan horses from Registered stock, 1 beautiful yearling Sorrel colt, White mane and tail, Bedford Co 814-784-5872

For Sale- Warner Swazey Hopto truck mounted to backhoe, 6 cyl continental powered, $3200, Good condition or will trade on ½ ton pickup, Bedford Co 814-652-6061

For Sale- IH steel wheel wagon, 8x16 heavy bed oak rails and cross pieces, $150, Lancaster Co 717-859-2374

For Sale- 1066 IH turbo tractor 730 hrs full set of weights, very good condition, Lycoming Co 717-458-4244

For Sale- Boys bike, 20", excellent condition, $30, Lancaster Co 717-426-1395

Wanted- Cement mixer 2½ cu ft capacity or larger, Lancaster Co 717 872-5297

For Sale- 1967 Station wagon, 717 687-7172

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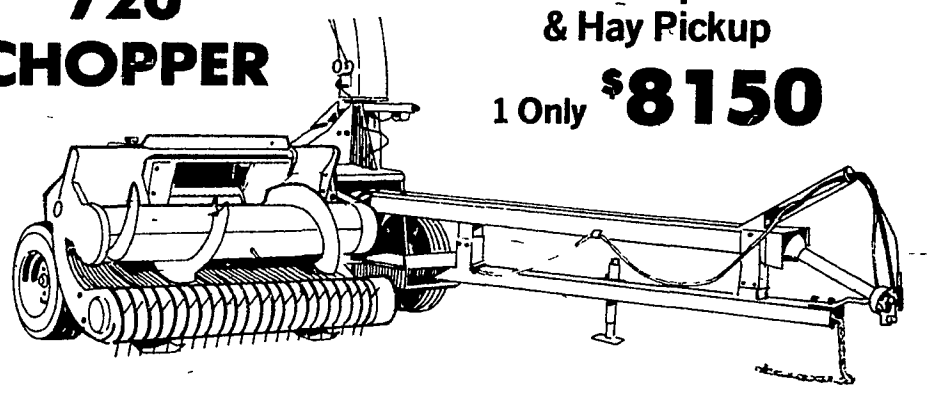

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$3250

USED HAY AND FORAGE EQUIPMENT

JD 38 Chopper w/2-row narrow corn head & grass head
Int. 550 Forage Harvester, 1000 RPM, 2-row corn head, new knives
Fox IF 546 Forage Harvester w/2-row corn head & grass head, extremely clean
Int. 56 Forage Blower
JD #60 Forage Mower
NH #23 Forage Mower
NH Flail Chopper, needs work
Int. 46 Baler w/thrower, excel.
Int. 46 Baler, excel.
Int. 650 Harvester, 2 Row Corn Head & grass head
Int. 990 Mower-Conditioner, 7 ft., very clean

USED COMBINES

1976 Int. 915 Diesel Hydro w/6-row corn head, 15 ft. platform, used 600 hours, super fine cond.

Int. 205 Combine w/10 ft. platform, pickup reel, 2-row corn head, new in '71, cab, excel. cond.
Int. 76 pull type Combine
MF 300 Combine w/grain platform, 2-row corn head
JD #40 Combine w/grain platform & 2-row corn head

USED TRACTORS

1066 D Hydro w/cab, just overhauled, new rubber
Farmall 1456D, outstanding
Farmall 806D, 3 pt. hitch, wide front
Farmall 966D hydro, 1-owner
AC 190 gas, 1-owner
Int. 444, low hours
Int. 460D
Farmall 300
Farmall C w/loader
Int. 504, 3 pt. hitch, live PTO
Farmall H w/cultivators
Farmall 460

USED TILLAGE EQUIPMENT

Int. 9A Drag Type Disk, 28 Disk
JD KBA Drag Type Disk, 28 Disk
Miller 12 Ft. Disk
2 Bottom Fast Hitch Plow
MF 3-14 Plow
Ferguson 10 Tooth Chisel Plow
Int. 12' Spring Tooth Harrow

78 GMC with 22 Ft. Wooden Cattle Body, 5 Speed Trans., 2 Speed Rear, V-366 Engine, 30,000 Miles ..... $9825

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## MAILBOX MARKET

For Sale- NH 68 baler good condition $600, Reg Appaloosas at reasonable prices, days- 717-246-1616 eves 244-8696

For Sale- NH hay crimper model 404, good shape, S S milk strainer, 20 qt Shultz chopper for repair, some parts new, Juniata Co 717-694-3485

For Sale- 4 bar NI hay rake on steel wheels, works good $75 Cumberland Co 717-776-[illegible]37

For Sale- JD F125 plow 3-16 trip back $375, John M Sauder, Rd 1, East Earl, Pa

For Sale- Ferguson 3 pt cultivator, $135, Mc Deering, No 7 5 ft grass mower for team or tractor $60, Mc-Deering riding cultivator $45, all good condition, 717-469-2897 Dau Co

For Sale- 1 hp Briggs and Stratton engine, good shape, IH cub engine, Eastern Leb Co 717-949-3791

For Sale- Reg Holstein stock bull calf, sire Job, dam milking over 80 lb 4 7 test last lactation, granddam 18,742, 813, 4 3, $295, Berks Co 215-683-3391

For Sale- 315 gas combine, cab, gear drive, 13 ft hume & 227 corn heads, IH 420 all twine baler with thrower, both excellent condition, Perry Co 717-567-6566

For Sale- Air compressor, 3 hp 3 phase, 60 gal tank, Magnetic starter switch included Antique oak dutch cupboard, Lancaster Co 717-394-4197 or 687-6340

For Sale- 5 speed trans. for 7500 GMC truck, 6 cyl Int 1700 engine, good condition, Schuylkill Co. 717-345-4854

Wanted- Portable calf nursery, must be self contained, Contact Robert Sigel, Fulton Co 717-294-3349

For Sale- 7½ hp horse Lister slow speed diesel air cooled with 6 ft line shaft and pulleys, engine was recently overhauled, David F Stoltzfus, Rd 2, Box 173, New Providence, PA

For Sale- IH H110 2 row corn planter, $200, Wagner front end loader with hydraulic bucket for H or M $325, 717-529-6670

For Sale- Break cart new roller bearing wheels and lights, John M. Stoltzfus, Rd 2, Box 280, Blank Rd., Narvon, Pa.

Wanted- Wooden porch swing, write price, etc. to S. M Stoltzfus, Box 289, Christiana, Pa

For Sale- Metal wardrobe $25, Clothes tree $10, new steel door embossed 35 ¾x79, dent $25, used wooden 30x80, 24x80, $5, coil bed springs $8, Lancaster Co. 717-733-7195.

For Sale- MM Jet Star tractor, recent valve job, 40 hp, adjustable WFE, PS, Cat II 3 pt , 5 speed with torque, indepentent PTO, rubber fair, $1450 Lancaster Co. 717-872-5712.

For Sale- 1956 F500 Ford 12 ft stake body truck with hydraulic lift gate Wanted-York rake for landscaping, Lebanon Co 717-865-3082.

For Sale- 12x60 partially furnished mobile home, also 100 running feal walnut wood, already dried, Schuylkill Co 717-682-9855

## MAILBOX MARKET

TB gelding 7 yrs , 16 1 hands, home raised, sensible hunter, large boned, attractive, Chester Co. 215-857-5860

For Sale- Dried locust posts, Amos S Lapp, Rd 1 Box 368, Weaver Rd , Strasburg, PA

Wanted- 2 row horse drawn cultivator, Ephraim S Stoltzfus, 69 Strasburg Pike, Lancaster, PA 717-394-9917

For Sale- Pair of 11 mo old white goats, 1 herd male, 1 Hermaphradite $30 each, $50 pair, 9 a m to 9 p m Mon to Thurs 717-284-4035

For Sale- Oliver 35 SP combine, 10 ft hume reel, motor cut 100 acres, JD 8 harvester corn/grass head, Adams Co 717-624-2881

For Sale- 6"x234" belt sander with edge sander combined, 6" Industrail rockwell jointer, 10" DeWald radial arm saw, many more, 215-445-4280 Lancaster Co.

For Sale- Petal operated grinding wheel $20, Wanted-Small chicken house for doz hens, any reasonable condition, Lancaster Co 717-529-2544

For Sale- Day old or started goslings, Jacob K Swarey Sr N Cherry Lane Rd , Rd 1, Ronks, PA

For Sale- 4000 gal heavy water tanks, elec water heater, water pump and small tank, John Esh, Rd 3, Box 169, Summit Hill Rd , Quarryville, PA 17566

For Sale- Muscovy ducklings, Wanted- Concrete mixer, would prefer a 3 pt 215-445-5734 Lancaster Co

For Sale- No 53A bale thrower and PTO for 274 NH baler, Amos L Beiler, Loop Rd , Rd 4, Quarryville, PA 17566

Badger double chain web, 24' Green chop wagon, 19' picker rack wagon, JD 15A flail chopper, 717-665-3229.

For Sale- Int. 400 cyclo no till 6 row corn planter with insecticide and monitor, 30 each, Jamesway water bowls, neck yokes, and stall dividers, 717-249-8403

For Sale- Yellow Jersey sweet potato plants, Lancaster Co 717-665-4641

For Sale- IH 715 gas combine with 13' grain platform and 4 row corn head, good condition, 215-593-6165.

For Sale- Farmall A tractor with 2 way plow, excellent, $1150, 717-656-9013

Young Hamp-York boar $125, 65 VW bus, $100, needs work, Wanted- Small PTO silage blower, Lancaster Co. 717-354-9305.

For Sale- Old IH crawler tractor, 6 cyl , old Oliver crawler loader, bucket for parts, $250, Chester Co. 215-942-2412

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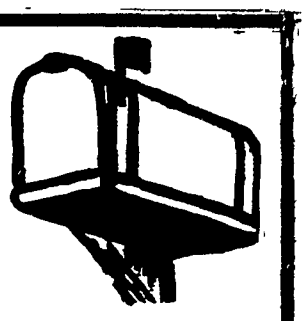

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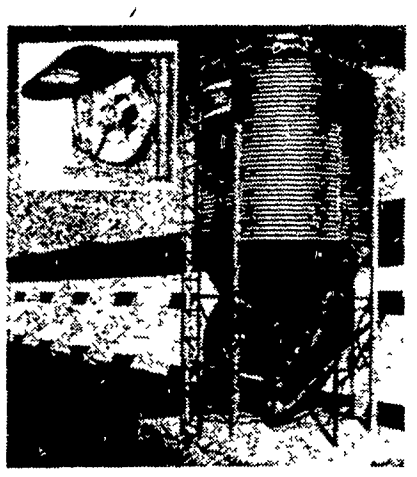

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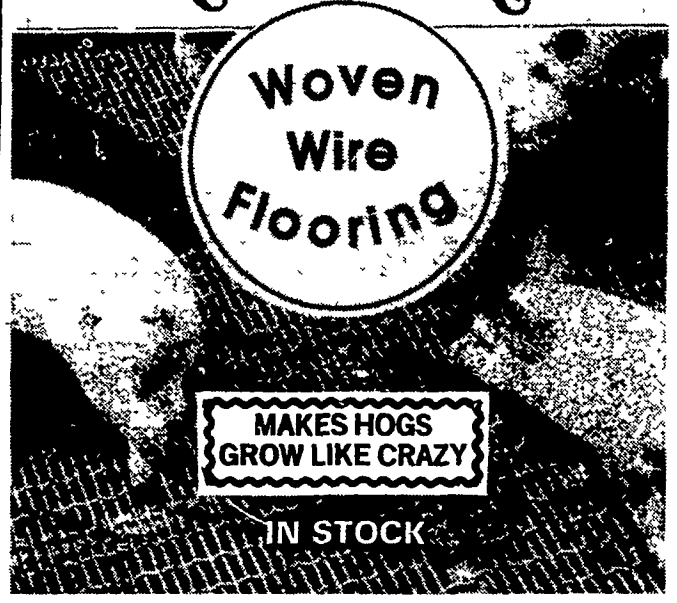


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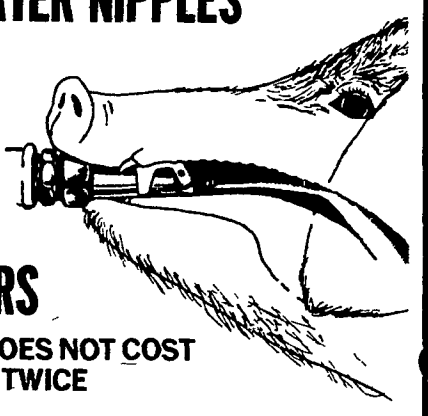

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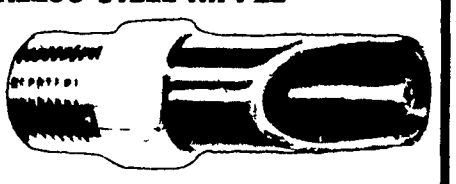

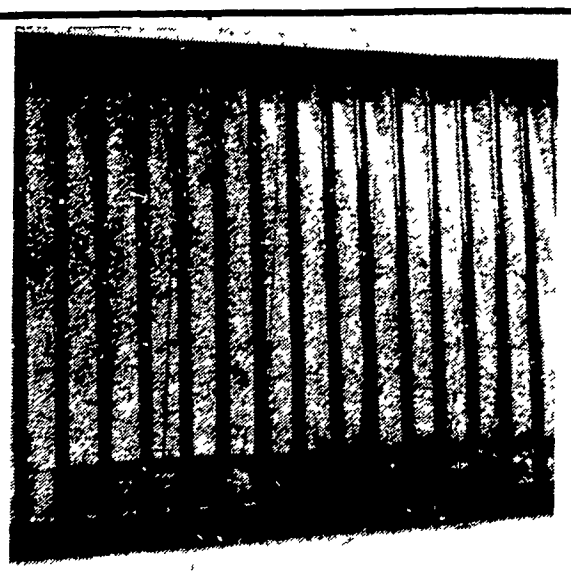

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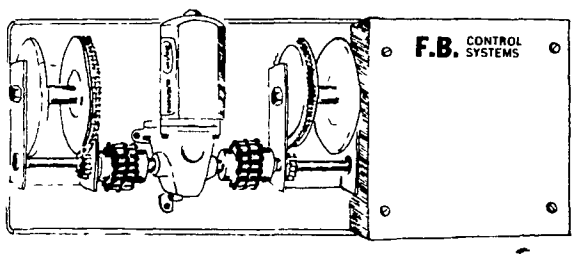


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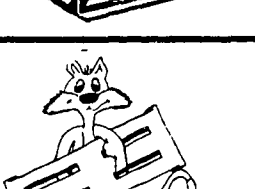


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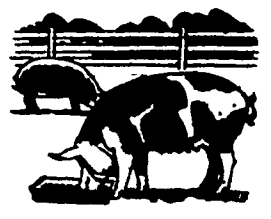

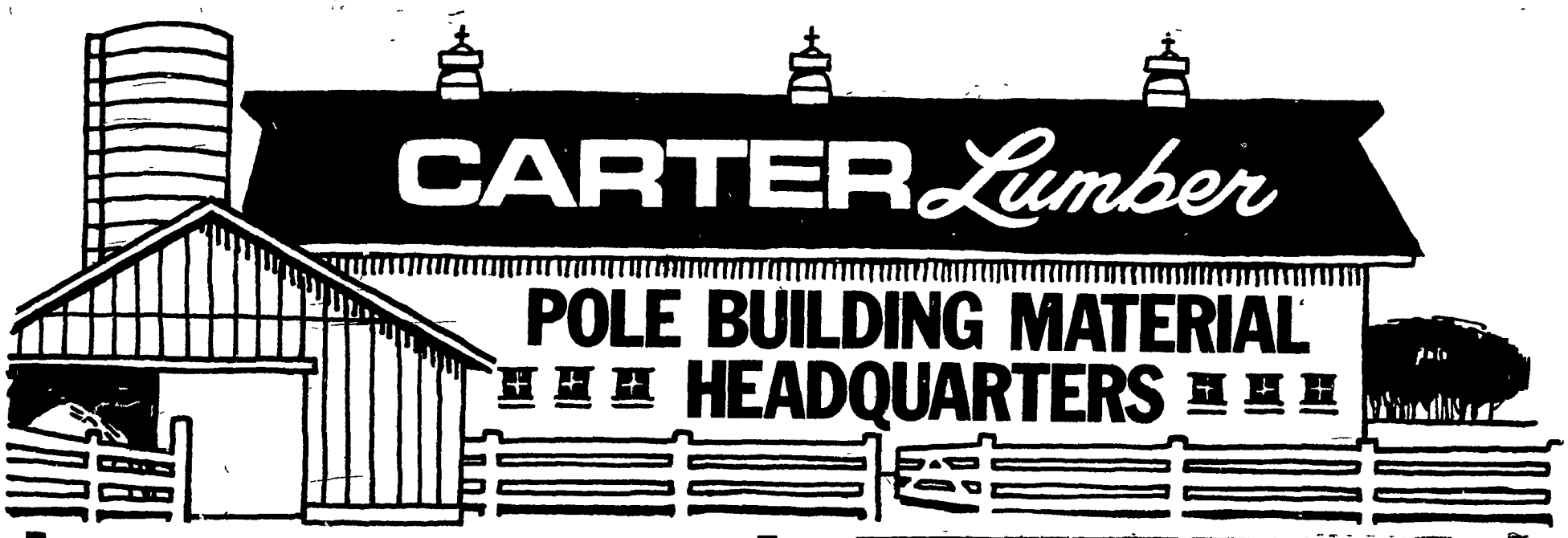


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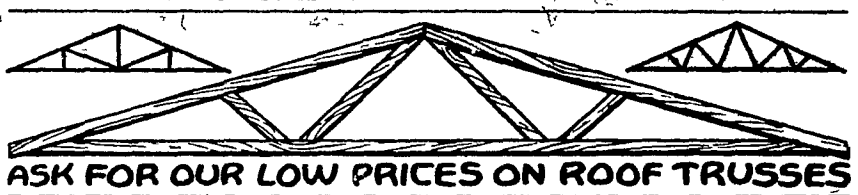

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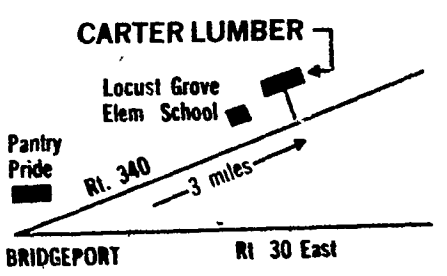

# Eleanor DeLong takes the cake (and bakes them, too)

By SUSAN KAUFFMAN
Staff Writer

Next week marks the beginning of the month of June, traditionally a month for weddings. While the bride-to-be may often think ahead about ordering gowns and invitations, one special part of the wedding celebration also needs early attention – the wedding cake.

Eleanor DeLong, and many other talented and patient women, specializes in creating decorated cakes. Eleanor's interest in this art began with her aunt, Francis Astle, who has been making cakes for several years. "I saw the cakes she made and thought I would like to try that, too," Eleanor recalls.

Her husband, Kenneth, knew she wanted to experiment so he gave her a starter decorating kit for Christmas four years ago. From that set of essential tools of the trade and her aunt's recipe for the cake batter, Eleanor launched into the business which she primarily manages from her home near Quarryville.

Tackling the essentials at home on her own with the directions spelled out in books, Eleanor found that she enjoyed the task enough to take a course in Lancaster from an instructor of the firm, Wilton.

Consulting a scrapbook of pictures of cakes she has made in the past, Eleanor says her first cake made for sale was a flag cake for the Fourth of July four years ago. From that cake she has gone on to make many cakes in many sizes ranging from sheet cakes to wedding cakes to serve 250 people.

Clearly enjoying the creative challenge, Eleanor states emphatically that she likes to do the wedding cakes more than any other kind.

"There is a real challenge to do your best when you have all that to put together and know that it will be on display at someone's wedding and be in someone's wedding pictures forever!" she explains.

Getting a lovely wedding cake on display requires planning and many hours of preparation. Eleanor outlined the basic considerations.

First of all, she advised contacting a decorator a month in advance to agree on number of servings, price, scheduling, and general decorative pattern to be used. "It may take several weeks to get the particular cake top the customer wants for her cake. They can be hand-blown glass hearts, dove figurines, bride and groom figurines and many other tops that can be ordered," she explained.

"It is important that I know early when a cake is needed so that I can plan my schedule ahead of time," she said. The wedding cakes she makes are not made in one day's time, rather a whole week may be required.

"If I have a wedding cake to make for a Saturday wedding, for instance," she began, "I make the flowers on Monday and Tuesday so that they will have all week to dry properly," she said.

Eleanor added that the final decorating scheme is often coordinated to match the colors and flowers used in the wedding gowns and floral arrangements. While some cake decorating flowers require more time and skill than others, she still must make them early in the week so that they will be dry enough by Friday to place on the frosted cake.

Eleanor uses the same butter cream recipe for both the flowers and the frosting with the addition of paste colors to the recipe for the flowers. Her recipe follows:

## Homestead Notes

### BUTTER CREAM FROSTING

2/3 cup crisco
4 tablespoons whole milk
4 cups sifted ten X sugar
1 teaspoon clear vanilla extract

Cream shortening, add vanilla, then add sugar one cup at a time, beating at a medium speed and scraping sides of bowl often. After all the sugar has been thoroughly mixed into the shortening and vanilla, the icing will appear very dry. Add milk and beat at high speed until light and fluffy. Cover bowl with a damp cloth while working with it and store covered as well.

Royal frosting becomes very hard and is ideal for make-ahead decorations. Eleanor uses a meringue recipe when making royal frosting. It calls for meringue powder which can be purchased in larger cake decorating supply stores.

Eleanor DeLong uses a frosting cone to apply decorations to a wedding cake. Each layer of the multi-tiered creations requires special hand decorations which she applies.

### ROYAL FROSTING-MERINGUE RECIPE

3 level tablespoons meringue powder
4 cups sifted 10 X sugar
1/4 cups plus 2 tablespoons water

Beat all ingredients at low speed 7 to 10 minutes. (10 to 12 minutes on high speed for portable mixer). Frosting will form peaks. Yields three cups. Equipment must be grease-free.

Eleanor uses purchased parchment paper triangles to form frosting cones to which she attaches a coupler and the desired decorating tips. Using an even pressure and a steady hand and eye she creates flowers one after another to be placed on waxed paper to dry.

On Thursday, during most of the day to be more accurate, Eleanor bakes the cakes. She uses her aunt's recipe and prefers to keep it in the family. To make the end result serve the required number of people at the reception and still save the top layer for the traditional first anniversary celebration, requires some skill in mathematics.

Eleanor explained that wedding cakes in her experience can be made in a number of layer size and tier arrangements. With the idea that the cake server will cut the layers according to basic cutting rules, certain sized layers should yield a given number of servings.

Round tiers 16 inches in diameter, 12 inches and 9 inches in diameter may be placed one above the other to serve 130 people. Each tier consists of a two-layer cake.

A combination of a 12 inch, a 10 inch, an 8 inch and a 6 inch 2-layer cake arrangement will serve 75 to 100. Eleanor's largest undertaking so far was a tiered cake to serve 130 plus two sheet cakes which each serve 54 people. Eleanor marks the sheet cakes and places a flower on each piece.

As soon as the layers are cooled, as the day progresses, Eleanor frosts between the layers and applies a thin base coat of frosting to the completed layer cake or tier to avoid drying out the cake.

Friday is spent frosting the final coat, marking the decoration placement, setting up all the tiers on their pillars, allowing the whole cake time to settle and "glue" together, and placing the flowers on the cake.

To create garlands draping evenly over the sides of tiers of the cake, a cake triangle is used. It consists of a triangular-shaped rule with slits in it to hold a flexible, saw-toothed strip of plastic. Slits corresponding to the diameter of the cake provide even distribution of garlands around the layer. The plastic strip can be pulled through another slit to create the desired depth of the garland.

Eleanor applies the garland decorations first, starting with the bottom tier and working upward. She then adds the other free-hand decorations such as fleur-de-leis and finally the dried flowers.

She advised placing the cake top on the topmost layer before starting the whole decorative process to help maintain a balanced over-all decoration.

Eleanor usually delivers the cakes Friday evening or early Saturday morning depending on the time of the wedding. She said she likes to have plenty of time to get the cake displayed properly. "I would be terribly embarassed to be late with the wedding cake!" she said. "I have heard of it happening, but I don't want that to happen to me and my cakes," she concluded.

Eleanor has taught classes, given demonstrations and created displays on many occasions in addition to making and selling cakes of all types for many customers.

Presently she and Vickie Lefever, another young woman in the Solanco area who also makes decorated cakes by order, are working with a 4-H cake decorating program. Every Thursday and Friday evening this late Spring and Summer, she and Vickie are instructing six girls each night in the basics of this culinary art.

This group of twelve 4-H'er is part of the Solanco Club which includes many other projects as well. The cake decorating project is new to the southern end, but Eleanor and Vickie are getting advice from leaders who have had experience from other parts of the county.

Outlining the basic processes of creating a beautiful wedding cake and listing some of the tools and tricks of the trade do not give a complete explanation of all the creativity as well as long hours that go into it. Weddings are very special and Eleanor DeLong wants her cakes to meet the occasion.

Seen here is the top tier of a wedding cake, with a special glass heart and wedding bell top. Colored roses add the final touch to the creation.

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# Md. 4-H and FFA livestock show

COLLEGE PARK, Md. – After playing only a minor role since they were added in 1976, dairy goats will constitute the second largest livestock department during this year's Richard N. Will Spring 4-H and FFA Fair, scheduled today (May 26) at the Howard county fairground, Md. The show site is located along U.S. highways 40 and I-70N, west of West Friendship.

An estimated 500 animals are expected to be entered in this year's livestock competition. This total includes 288 dairy heifers, 18 dairy steers and more than 150 dairy goats.

For the first time, the goat show will be sanctioned by the American Dairy Goat Association for all breeds, with the possible exception of Toggenburgs. Some 53 youngsters are expected to compete in the goat show-ring, near the sheep and goat barn at the fairground.

The day's program will begin at 10 a.m. with simultaneous activities in three show-rings. Dairy cattle will be judged in the big outdoor ring near the center of the fairground; beef cattle judging will take place at the lower end of the beef barn.

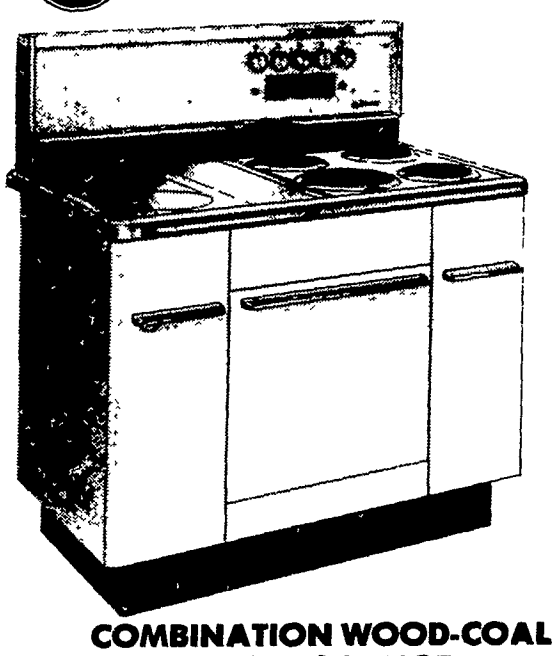
Dairy goat judging will not actually begin until noon. The morning hours for this department will be devoted to a dairy goat workshop for 4-H and FFA youth.

Supervising the dairy goat show will be William Koons of Mount Airy (Howard County). Official judge for all dairy goat breeds will be Mrs. Kathy Stiles Iager of Fulton (Howard County).

Other livestock show supervisors will include: beef cattle – Aldrich F. "Augie") Velisek, Jr., of Lisbon; dairy cattle and dairy steers – David Patrick of Daisy. Both are Howard county residents.

All show entries were made through county offices of the University of Maryland' Cooperative Extension Service. Financial support for premium money, ribbons and trophies is being provided by the Maryland State Fair Board; and other expenses are being underwritten by interested agricultural organizations and agribusinessmen.


MONARCH



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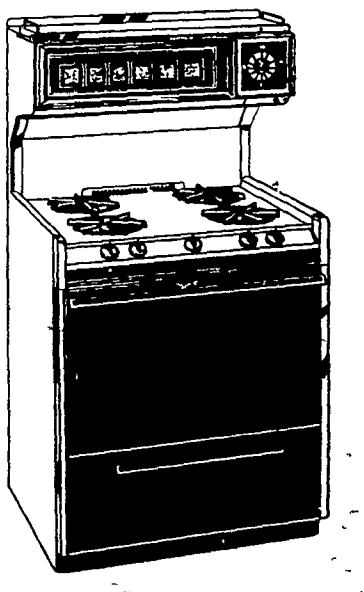

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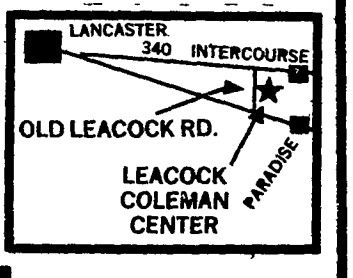


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# Junior Cooking Edition

**EDITORS NOTE: Due to a change in paper deadlines, please submit Junior Cooking edition recipes two weeks in advance of publication dates. Include your name, address and age along with your complete recipes.**

You'll be rolling in dough with this weeks Pies, Pies, Pies theme. Carmel sponge, coconut-pineapple, coconut-oatmeal, lemon sponge, deluxe rhubarb, Boston cream, heavenly pie, raisin, pumpkin, and pecan pies are just some of the many you will find featured today.

Junior readers still have time to send in their Strawberries Galore recipes...we've only received a few for next weeks Junior Cooking Edition.

Start sending in those delicious dairy recipes you have tucked away in your file. All junior readers with dairy recipes printed will receive a special little gift.

Send all recipes to **Lancaster Farming**, Junior Cooking Edition, Box 366, Lititz, Pa. 17543. Be sure to include your name, address, and age along with your complete recipes.

Happy baking!

### LEMON PIE

4 pints boiling water
4 cups granulated sugar
4 egg yolks
4 heaping tablespoons cornstarch
butter, size of an egg
1 lemon, grated
3 or 4 pie shells

Mix cornstarch with a little of the boiling water until dissolved and not lumpy. Combine the water, 4 cups sugar, 4 egg yolks, cornstarch butter and grated lemon. Cook. Add 3 tablespoons sugar to egg whites and beat until stiff. Add vanilla to the pie filling. Pour filling into three nine inch or four eight inch baked pie shells. Put the meringue on top. Place under broiler until the meringue becomes golden. Watch carefully so it does not burn.

**Malinda E. Miller**
**Age 13,**
**Dover, Del.**

### LEMON SHOE-FLY PIE SAUCE

2 tablespoons cornstarch
½ cup granulated sugar
¼ teaspoon salt
¼ cup butter or margarine
2 cups boiling water
3 teaspoons lemon juice
1 tablespoon grated lemon rind

Mix together cornstarch, sugar and salt in saucepan Gradually stir in boiling water Cook, stirring constantly, until the mixture boils and is thickened and clear Remove from heat. Stir in remaining ingredients Serve warm. Yields 2¼ cups

**Malinda Miller**
**Age 13,**
**Dover, Del.**

### COCONUT-OATMEAL PIE

1½ cups brown sugar
1½ cups dark molasses
½ pound melted butter
½ cup water
¼ teaspoon baking soda
½ cup coconut
1½ cup oatmeal
½ cup pecans or walnuts
4 well beaten eggs
2-10 inch unbaked pie shell

Mix brown sugar, molasses, melted butter, water and soda. When well blended add the remaining ingredients. Pour into two unbaked 10 inch pie shells. Bake at 425 degrees F for 10 minutes. Turn down to 375 degrees F until pie is done.

**Betty Kauffman**
**Age 14,**
**Orrstown, Pa.**

### SOUTHERN PECAN PIE

3 eggs
1 tablespoon granulated sugar
2 tablespoons flour
2 cups dark corn syrup
1 teaspoon vanilla
dash of salt
1 cup pecan halves
1-9 inch unbaked pie shell

Put all ingredients (except pecans) in a blender. Blend 15 seconds on chop. Empty container into the pie shell. Sprinkle with pecans. Bake in preheated 350 degrees F oven for 45 minutes or until filling is set.

**Michelle Hurst**
**Age 9,**
**Denver, Pa.**

### PUMPKIN PIE

1 cup granulated sugar
1 cup cooked pumpkin
2 cups scalded milk
2 tablespoons flour
1 egg
salt
cinnamon
nutmeg

Mix salt, cinnamon and nutmeg to suit taste. Mix flour, sugar and spice. Add pumpkin and well beaten egg. Add scalded milk. Pour in unbaked pie shell. Bake at 350 degrees F for 30 minutes or until a knife comes out of the center clean.

**Effie Catherine Yoder**
**Age 12,**
**Rudsville, Pa.**

(Turn to Page 85)


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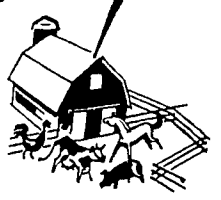

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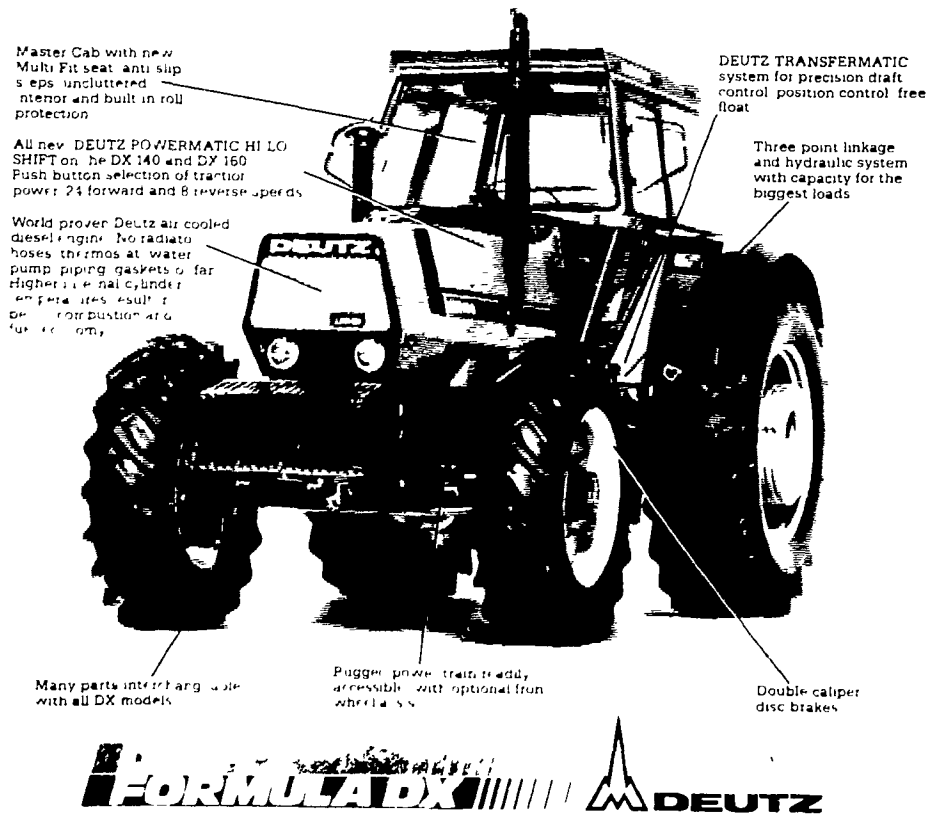
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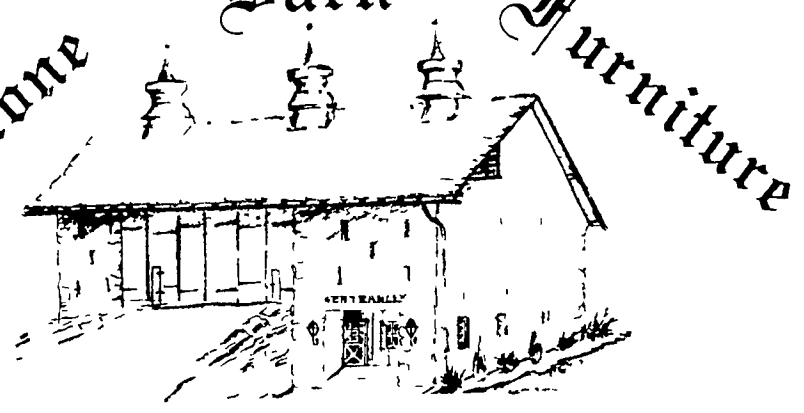

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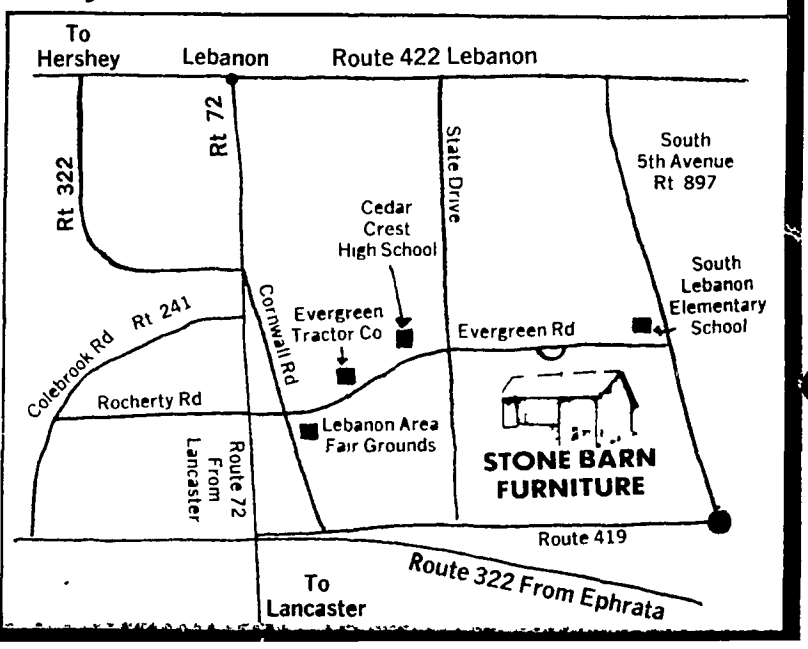

# Junior Cooking Edition

(Continued from Page 84)

### BOSTON CREAM PIE

4 eggs
¾ cups water
1½ cup granulated sugar
2 cups flour
3 teaspoons baking powder
½ teaspoon salt

**Filling:**

3 cups milk
1 heaping tablespoon flour
1 heaping tablespoon cornstarch
1 cup granulated sugar
2 eggs
slice of butter

Beat the four egg yolks and water. Add sugar slowly and beat again. Add sifted flour and baking powder. Beat four egg whites until stiff. Add salt and fold in egg whites. Bake in two nine inch greased and floured pans at 350 degrees F. for about 25 to 30 minutes or until a knife comes out of the center clean. Cool on racks. To make the filling, sift the two dry ingredients, and blend them into a quarter cup of the milk. Beat the two eggs and add all ingredients together in a saucepan. Cook over slow heat (stirring constantly) until thickened to desired consistency. Cool. Place filling between the two cake layers. Top the cake with chocolate icing.

**Annie S. Stoltzfus**
**Leola, Pa.**

### PUMPKIN PIE

4 unbaked pie shells
2 cups pumpkin
2½ cups brown sugar
¼ cup granulated sugar
4 eggs, separated
4 tablespoons flour
1½ quarts milk
½ teaspoons vanilla
½ teaspoon cinnamon

Beat the egg whites, adding ¼ cup granulated sugar until fairly stiff. Mix the remaining ingredients. Fold in egg whites last. Pour into four unbaked pie shells. Bake at 350 degrees F. about 25 to 30 minutes or until a knife comes out of the center clean.

**Edith Shirk**
**Age 13,**
**Mifflinburg, Pa.**

### DELUXE RHUBARB PIE

1 baked 8 inch pie shell
2 cups rhubarb
1 cup granulated sugar
2 egg yolks
lump of butter
1 tablespoon flour

**Meringue:**

2 egg whites
3 tablespoons granulated sugar
½ teaspoon cream of tartar

In a saucepan, combine sugar, flour, egg yolks, and butter. Add the rhubarb. Mix and cook slowly until jelly like. Pour into the baked pie shell. Beat the egg whites, gradually adding the cream of tartar and sugar. Beat until stiff peaks form. Put meringue over the top of the pie. Broil the pie for a few minutes, watching carefully. Remove from heat when golden brown.

**Ann Elizabeth Zimmerman**
**Age 9,**
**Myerstown, Pa.**

### HEAVENLY PIE

2 cups granulated sugar
1 tablespoons vanilla
4 egg whites
½ cup crushed pineapple
oil pie crust (see below)

**Topping:**

1 cup whipping cream
¼ cup granulated sugar
½ teapoon vanilla
1 cup chopped nuts

To make pie, beat the egg whites until stiff. Add sugar and vanilla. Drain the pineapple and add to egg white mixture. Pour into a baked oil pie crust (recipe below). Bake at 300 degrees F. for 30 minutes. To make topping, whip cream. Add sugar and vanilla. Spread over pie and top with nuts.

### OIL PIE CRUST

1½ cups flour
½ teaspoon salt
½ cup vegetable oil
2 tablespoons milk
1½ tablespoons granulated sugar.

Stir all ingredients together, Pat dough into pie pan (same as graham cracker crust). Bake at 425 degrees F. until done (about 15 minutes).

**Nathanael H. Mast**
**Dover, Del.**

### LEMON SPONGE PIE

4 tablespoons butter
3½ cups granulated sugar
3 lemons, rind and juice
6 cups milk
9 eggs, separated
9 tablespoons flour
pinch of salt
4 nine inch unbaked pie shells

Mix the egg yolks with sugar, flour and salt. Add lemon rind, lemon juice, butter and milk. Fold in stiffly beaten egg whites last. Put in unbaked pie shell. Bake at 425 degrees F. for 15 minutes. Then, reduce the heat to 325 degress F. until a knife comes out of the center clean. Makes four large pies.

**Effie E. Miller**
**Age 11,**
**Dover, Del.**

### CARMEL SPONGE PIE

1 cup brown sugar
2 tablespoons flour
1 teaspoon vanilla
2 eggs, separated
2 tablespoons butter
2 cups milk
¼ teaspoon salt
1 nine-inch unbaked pie crust

Mix together the sugar, flour and salt. Add milk, egg yolks, vanilla and butter. Fold in stiffly beaten egg whites. Pour into an unbaked pie shell. Bake at 400 degrees F. for 30 minutes, or until a knife comes out of the center clean.

**Kathryn A. Miller**
**Age 12,**
**Hartly, Del.**

### COCONUT-PINEAPPLE PIE

2 cups granulated sugar
1 stick margarine
4 eggs
2 tablespoons flour
1 no. 2 can crushed pineapple, drained
1 cup coconut
2 nine inch unbaked pie crusts

Cream sugar and margarine. Add eggs and flour. Stir in pineapple and coconut. Pour into the two unbaked pie shells and bake for 15 minutes at 425 degrees F. Turn down the oven to 350 degrees F. and bake 30 minutes more.

**June Martin**
**Age 13,**
**Waynesboro, Pa.**

(Turn to Page 88)


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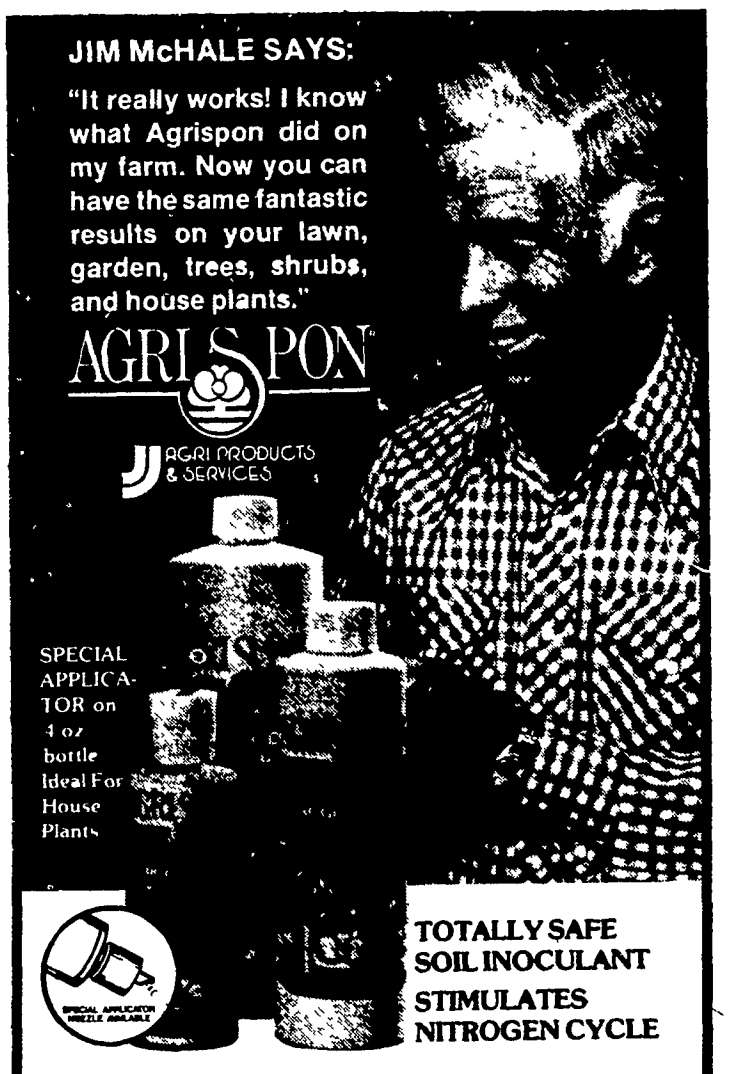
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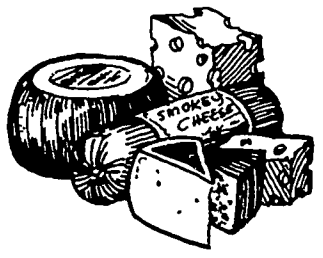
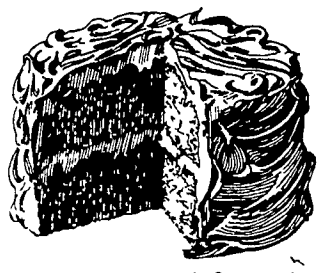



# Home On The Range



## *Plan a picnic for Summer eating*

The full swing of Summer is almost upon us, and picnic season officially starts this weekend, with the celebration of Memorial Day.

Everybody knows that a picnic is not a success unless the cooks of the family parade out everyone's favorite foods. And each family seems to have their own special contribution to the picnic.

Today's Home on the Range is filled with such delicious contributions to the outdoors meals. Each should tickle the tastebuds of those who love to eat on picnic tables.

The entire month of June, with the exception of June 2, will be devoted to dairy recipes, and while it is now past the deadline to get your recipe in the special Dairy Issue of June 9, there's still time to send a recipe to be included in one of the June issues.

Then in July we will go back to using the Recipe Theme Calendar. Suggestions for themes through the Summer and Autumn months are now being accepted, as we are in the process of determining which ones we will use.

Picnic foods are always popular and many favorites are included in today's Home on the Range. Seen above is the Country Potato Saiad and the Smoky Burgers.

### BUTTERMILK CUSTARD

**Bottom part**

1 egg
½ cup granulated sugar
½ cup molasses

**Top Part**

1 egg
½ cup shortening or lard
½ cup buttermilk
1 teaspoon baking soda
1 teaspoon baking powder
1½ cups flour
1 teaspoon vanilla

For the bottom part, beat the egg and sugar together, add the molasses, water and vanilla, divide this mixture evenly into two unbaked pie shells.

For the top part cream the shortening and the sugar together, add the egg, then the dry ingredients alternately with the buttermilk. Spoon thsi mixture evenly over the bottom part and bake at 350 Degrees F. for 35 to 40 minutes. These pies freeze very well.

**Mrs. Merle Mishler**
**Hollsopple, Pa.**

### COUNTRY POTATO SALAD

4 cups cubed cooked potatoes
¼ cup creamy French dressing
1 cup chopped celery
3 harad cooked eggs, chopped
1 cup sour cream
2 tablespoons grated onion
2 tablespoons chopped parsley
2 tablespoons chopped dill pickle
2 tablespoons chopped pimento
1 tablespoon prepared mustard
1 teaspoon salt
1/8 teaspoon pepper

Combine the potatoes and dressing; mix lightly. Chill for one hour. Add the celery and eggs. Combine the sour cream, onion, parsley, pickle, pimento, mustard, salt, and pepper. Add to potato mixture; mix lightly. Chill. Makes six to eight servings.

### SUPER SMOKE BURGERS

1½ pounds ground beef
2 tablespoons grated onion
2 tablespoons chili sauce
1½ teaspoons Worcestershire sauce
1½ teaspoons salt
1/8 teaspoon pepepr
12 Provolone cheese slices
⅓ cup chopped green pepper
12 partially cooked bacon slices (optional)
6 green pepper rings

Combine the meat, onion, chili sauce, Worcestershire and seasonings; mix lightly Shape into 12 patties. Cut cheese in circles to fit patties. For each burger, cover meat patty with cheese, one tablespoon green pepper and second patty. Seal edges with fork. If desired, wrap two bacon slices around each patty; secure with wooden picks. Grill five to six minutes on each side or to desired doneness. Top each burger with second cheese slice and green pepper ring.

### CUCUMBERS AND CREAM

½ cup vinegar
½ cup water
1 teaspoon salt
5 peppercorns
1 large cucumber, thinly sliced
1 medium onion, thinly sliced
1 cup dairy sour cream

Combine the vinegar, water, salt, and the peppercorns; add the cucumber slices. Cover and chill for about two hours; drain thoroughly. Gently combine the cucumbers with the onion and sour cream.

### CIDERED EGGS

¾ cup sweet apple cider or apple juice
¾ cup distilled white vinegar
3 slices onion
¾ teaspoon salt
½ teaspoon whole pickling spice
½ clove garlic
6 hard cooked eggs

Combine all ingredients except the eggs in a saucepan, bring to a boil. Reduce heat; simmer for five minutes. Pour over the eggs in a sealable container. Cover. Refrigerate several hours or overnight, turning the ggs occasionally, if necessary, to pickle evenly. Remove eggs from liquid and drain. To serve: cut eggs in half lengthwise.

### MEXICAN BURGERS

**Sauce**

1 can (7¾ ounces) frozen avocado dip, thawed
1 tablespoon fresh lemon juice
1 tablespoon chopped green onion

**Burgers**

2 pounds ground beef
2 eggs, slightly beaten
1 teaspoon Worchestershire sauce
½ teaspoon salt
1 cup, 4 ounces, shredded Cheddar cheese

To prepare the sauce, combine the avocado dip, lemon juice, and onion, then set aside. To prepare the burgers, lightly mix the beef, eggs, Worcestershire sauce and salt. Shape into 16 paatties, each about four inches in diameter. Place two tablespoons of cheese into the center of eight of the patties. Top with the remaining patties, pressing edges to eat. Grill on one side, turn and place aobut two tablespoons of sauce on each patty. Grill to the desired degree of doneness. Top with chopped tomato and serve on toasted bun, if desired. Makes eight serivngs.

### BEACH KABOBS

4 smoked thuringer or knockwurst sausages
12 green pepper squares, 1½ inches
12 tomato wedges
melted butter
4 slices, 1 ounce each, of Muenster or Brick cheese
4 individual French rolls, split, buttered and toasted

Cut each sausage crosswise into three pieces. On each skewer, thread three pieces of sausage alternately with green pepper and tomato. Grill five to six inches from the coals for ten to 12 minutes. Turn frequently, brushing with butter. Place slice of cheese on the bottom half of each roll. To serve, remove the kabobs from the skewer onto each roll Makes four servings

### EGG MACARONI SALAD

2 cups spiral macaroni, uncooked or 3 cups cooked
6 hard cooked eggs, chopped
3 ounces Cheddar cheese, cubed
1 cup sliced celery
¾ to 1 cup mayonnaise
2 tablespoons finely chopped green onion
or 1 tablespoon chopped chives
½ teaspoon dry mustard
¼ teaspoon salt
lettuce leaves
2 tablespoons toasted slivered almonds, optional

Cook macaroni according to package directions; drain well. Cover and chill. Meanwhile combine the eggs, cheese, celery, mayonnaise, onion, mustard, and salt. Stri in macaroni; cover and chill. Serve in lettuce-lined bowl and sprinkle with almonds.

(Turn to Page 88)

**HONEY BROOK MOLASSES**

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**-BROILED BANANAS-**

4 firm bananas
¼ cup HB MOLASSES
1 tablespoon lemon juice
2 tbsp. butter or margarine

Cut peeled bananas in half, lengthwise. Arrange in baking dish. Mix molasses and lemon juice; pour over bananas. Dot with butter. Place under broiler heat (350 deg. F.) 10 to 12 minutes, basting occasionally.
**YIELD:** 4 servings as a dessert or 8 servings as a meat accompaniment

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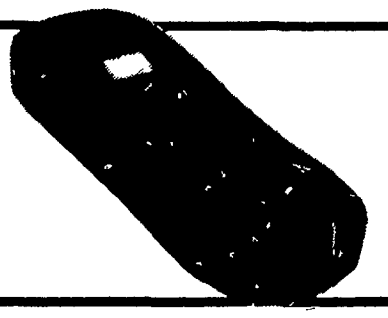

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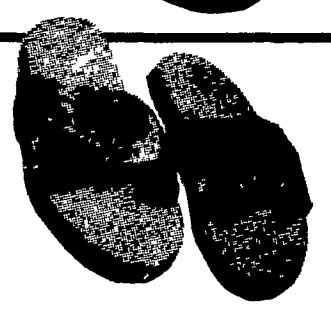

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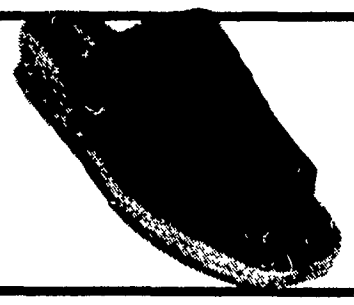

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# Home On The Range

(Continued from Page 86)

**SKILLET SUPPER**

2 tablespoons butter
10 ounces frozen corn, thawed
9 ounces frozen green beans, thawed
1 tablespoon flour
1 can (10¾ ounces) condensed cream of chicken soup
½ cup dairy sour cream
¾ pound fully cooked ham, cut in julienne strips
1 cup diced Cheddar cheese

In skillet, melt the butter; add the corn and beans. Cover and simmer for five minutes or until tender. Stir in the flour to coat vegetables. Combine the soup, sour cream and ham; stir into vegetables. Heat to serving temperature, stirring occasionally. Top with cheese; let stand until cheese melts. Makes six servings.

**CHILI CORN**

½ cup butter
¼ cup chopped green pepper
2 tablespoons chopped pimiento
1 teaspoon salt
½ teaspoon chili powder
6 to 8 ears corn

Whip butter until light and fluffy. Stir in green pepper, pimiento, salt and chili powder Place each ear of corn on a square of double thickness heavy duty aluminum foil. Spread with about two tablespoons butter mixture. Wrap securely in foil, twisting ends. Roast directly on medium coals 10 to 15 minutes, turning once. Note: Foil wrapped corn may be baked in a preheated 450 Degree F. oven for 25 minutes.

**MACARONI SALAD**

1¼ cups uncooked macaroni
1 cup cottage cheese
¾ cup chopped celery
½ cup chopped green pepper
½ cup grated carrot
¼ cup finely chopped onion
1 teaspoon celery salt
1 cup dairy sour cream

Cook the macaroni according to package directions and drain. Place in cold water for five minutes; and drain again. Mix together the cottage cheese, celery, green pepper, carrot, onion, and celery salt; carefully fold in the sour cream. Toss lightly with the macaroni. Chill thoroughly. Makes six to eight servings.

**POUND CAKE**

1 cup dairy sour cream
2 tablespoons lemon juice
1 tablespoon granulated sugar
¼ teaspoon vanilla
mixed fresh fruit, sliced
pound or angel food cake, sliced

Into the dairy sour cream, fold the lemon juice, sugar, and vanilla. Chill to blend flavors. Sufficient toping for six to eight servings. Serve fruit over cake; top with sour cream mixture.

**SUNDAE SALADS**

Salad greens
6 slices pineapple, drained
2 cups cottage cheese
1 cup sliced strawberries
Mandarin orange yogurt
strawberries

Arrange salad greens on serving plates; then pineapple slices. Combine cotage cheese and one cup sliced strawberries; mound about ½ cup on each pineapple slice. Spoon yogurt over cottage cheese and garnish with strawberries, if desired. Makes six servings.

# Junior Cooking Edition

(Continued from Page 85)

**ONE CRUST RAISIN PIE**

1 cup granulated sugar
⅓ cup raisins
1 cup water
½ cup cream
2 eggs, separated
1 tablespoon cornstarch
1/8 teaspoon salt
4 tablespoons granulated sugar

Put one cup sugar, raisins, and water in a saucepan. Cook till boiling. Add the cream, egg yolks, cornstarch and salt. Mix well. Stiffly beat the egg whites with four tablespoons sugar. Pour raisin mixture in baked pie shell. Top with meringue. Broil in the oven until lightly browned. Watch carefully.

**Ann Elizabeth Zimmerman**
**Age 9,**
**Myerstown, Pa.**

**PECAN PIE**

3 eggs
½ cup granulated sugar
1 cup white corn syrup
3 tablespoons butter
1 teaspoon vanilla
⅓ teaspoon salt
1 cup pecans
1-9 inch unbaked pie shell

Beat the eggs and sugar. Add syrup and remaining ingredients. Pour into a nine inch unbaked pie shell and bake at 350 degrees F. for 45 minutes.

**Rhoda Kinsinger**
**Age 13,**
**Oakland, Md.**

# *Pa. broiler placements up 11%*

HARRISBURG -- Placements of broiler chicks in the commonwealth in the week ending May 12 were 11 per cent above the corresponding week a year ago, according to the Pennsylvania Crop Reporting Service.

The placements were 2,257,000, five per cent below the previous week. Average placements during the past nine weeks were 13 per cent above a year earlier.

Placements of broiler chicks in the key 21 poultry-producing states were 82,915,000, about the same as the previous week but nine per cent above the same week a year ago. Average placements in the 21 states during the past nine weeks were ten per cent above a year ago.

The number of broiler-fryers slaughtered in Pennsylvania under federal inspection in the week ending May 2 was 2,107,000, with an average weight of 4.02 pounds.


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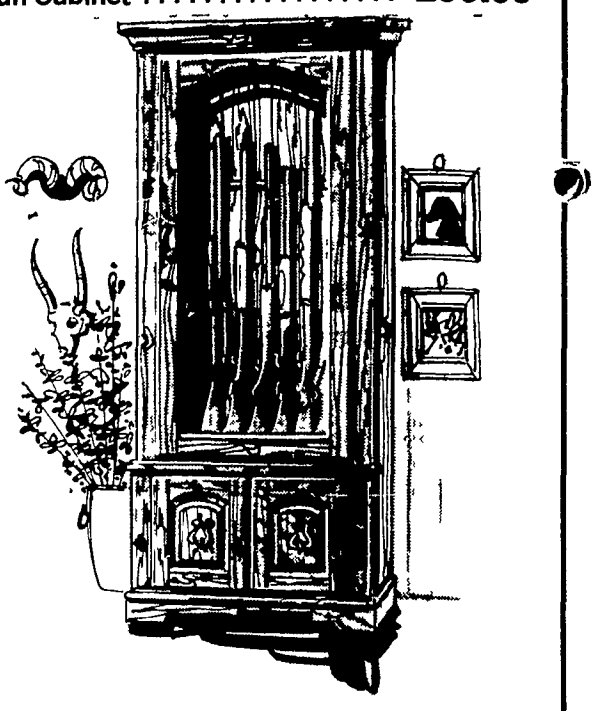

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# Better yields will lessen fuel crunch

NEW HOLLAND – It takes about the same amount of fuel to plow an acre of land regardless of the crop yield, says Mac Reeves, Sperry New Holland's product manager for balers. But the energy cost per ton of crop varies with the yield. That makes higher yields more important as fuel costs climb.

There are things farmers can do to control these costs, adds Reeves. The difference of three or nine tons of alfalfa per acre results in nearly the same ration of difference in energy use per ton of hay harvested in favor of the higher yield.

Of course, you do use more fuel to bale and haul the extra hay but the energy used to till and seed the stand stays about the same regardless of yield. The higher yield in the case of a legume such as alfalfa might be expected to add a larger bonus of free legume nitrogen for the next crop. This should offset the slightly higher energy cost of harvesting the higher yield, says Reeves.

In the case of alfalfa, the higher yields just won't happen unless drainage and soil conditions are right. When yields are high you can depend there won't be much soil compaction in the root zone. That sort of land works easier in tillage to save fuel. That makes the avoidance of soil compaction an energy saver. Deep root penetration is part of the key to good soil management to avoid compaction.

In some lime-rich subsoils in Colorado, for example, alfalfa roots are said to penetrate to great depths. That lets them draw on moisture stored deep in the subsoil and reduced the need for irrigation pump fuel, notes Reeves.

Eastern farmers who work a shallow topsoil perched over a strongly acid subsoil can't expect alfalfa to recover after cutting unless they have rain or irrigate, adds Reeves. Alfalfa roots just don't like acid subsoils so they don't move down to pull the winter-stored moisture back up again. Without the root penetration to add organic matter to the subsoils, it's not easy to loosen the compacted clay layes. You could call it a vicious cycle.

Some researchers are experimenting with deep-placed lime and manure to make the subsoil a happier place for plant roots. It's not read for general use, but the method does show promise. We'll produce more crop per unit of fuel when we solve this problem, promises Reeves.

Meanwhile, attention to drainage and lime where needed will boost yields to lower per-ton fuel costs

In the West the problem is often salinity, rather than acid as in the East Here the choice is leaching with the use of some gypsum where needed, as well as management to minimize soil compaction. The alternative is reduced yield and the bare spots in alfalfa that return nothing at all for the fuel and labor investment, Reeves points out. It's the good yields that cut production costs – especially fuel costs – to earn profits.

## *Grange holds open house*

VIRGINVILLE — The Virginville Grange held an open house recently with James Getty speaking on "Roots of the Grange and Nation."

Organ selections were played by Sandra Hill, Alice Balthaer, and Barbara Zook. Charter members were recognized and various reports were made.

The next meeting, on June 6, will be an open house meeting starting with a dairy supper at 7 p.m. Women who entered the sewing contest will model their outfits at this time.

A pot pie dinner will be held on May 28 at the Grange Hall

The Junior Degree team will go to Trexlertown May 26 where the degree will be presented. The juniors are also planning a trip to the Grange hunting camp on June 15-17.


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9119 8–20

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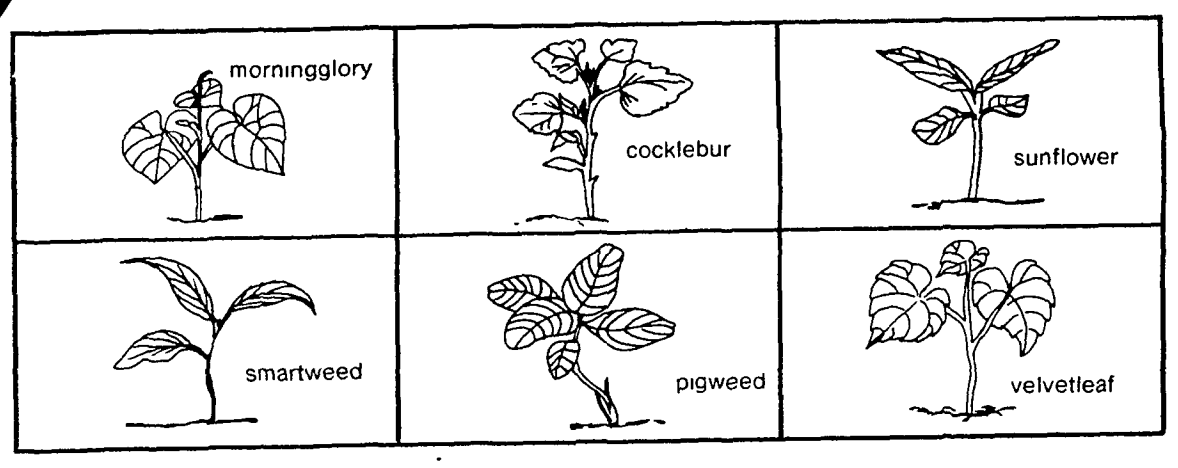
Pick the weeds in your corn you'd like to get rid of...

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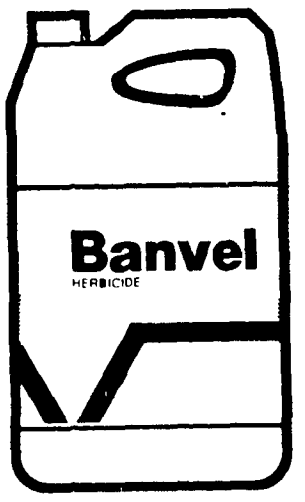
**Pre-emergence:** Banvel tank-mixed with *Lasso® to get broadleaf weeds along with grasses...ready and waiting when later weeds germinate.

**Early layby** (in corn up to five inches high): use Banvel to stop weeds before they've had a chance to develop. This Banvel overlay controls cocklebur, sunflower, annual morningglory, other troublemakers.

**Post-emergence** (corn up to 36 inches): Banvel herbicide controls the real problems—like smartweed, velvetleaf, bindweed, and seedling Canada thistle.

Before buying a less adaptable herbicide that may be short on performance, check out the Big Plus of Banvel...from Velsicol.




*Lasso® is a registered trademark of Monsanto Company The Lasso + Banvel tank mix is cleared for use in Colorado Illinois Indiana Iowa Kansas Kentucky Michigan Minnesota Missouri Montana Nebraska New York North Dakota Ohio Pennsylvania South Dakota Utah and Wisconsin

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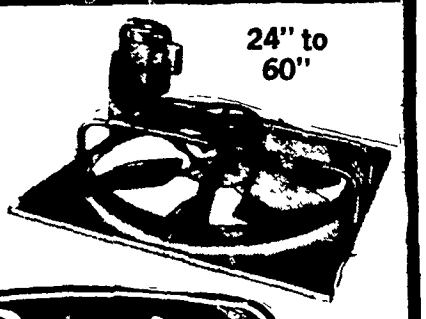

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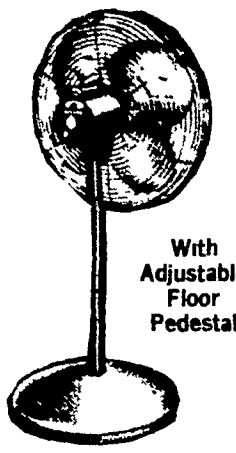

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# Ladies Have You Heard?

**By Doris Thomas**

**Lancaster Home Economist**

**NOW IS THE TIME TO ENJOY ASPARAGUS**

Do you know that asparagus was once considered a medicine and believed to have the power to prevent bee stings, cure toothaches, heart trouble and dropsy. Today its appearance on our dinner tables tells us that Spring has arrived. The asparagus season is short and we should make the most of it while it lasts. In shopping for asparagus choose stalks that are straight, firm and bright green in color. Keep them in the coldest part of your refrigerator until ready to cook. Spreading tips or limp stems indicate that the asparagus is wilted and probably has been picked too long.

Since asparagus grows in sandy soil, the tips and scales on the stalk are often filled with sand. For this reason, the stalks should be washed well and the tips scrubbed gently with a soft brush. If the asparagus is not exceptionally young and tender, it is preferable to peel the stalks below the tips. This can be done with a vegetable peeler. The tough white bases of the stalks should be snapped off.

Now is the time to freeze asparagus for good eating long after asparagus season is but a memory. To freeze asparagus, select young tender tips. Wash thoroughly and sort into sizes. Trim stalks by removing scales with a sharp knife. Cut into even lengths to fit freezer containers. Blanch small spears 1-1/2 minutes, medium spears two minutes, and large spears three minutes. Cool, drain and package in moisture-vapor-proof freezer containers. Seal, label and freeze.

**A NUTRITIOUS SURPRISE**

In any language --- potatois, potet, pommes de terre, kartoffel, potato, or papa--"potatoes" have popular appeal. This all-American favorite is one of few foods capable of nourishing great populations of the world, according to scientists.

It stores liberal amounts of protein, converted-carbohydrate energy, and valuable minerals such as iron and magnesium. Equally important, the nutrients in this storehouse are generously available to the body.

Now that they are in heavy supply, potatoes provide an economical source of nutrients. Why not take advantage of this nutrient-rich tuber? Those late Fall potatoes are excellent for frying, and you can use them to freeze your own "homemade" french fries.

To make home frozen fries, pare and cut potatoes lengthwise into 3/8-inch strips. Rinse in cold water to remove surface starch, and dry thoroughly with towel.

Your fries for freezing should be parfryed. Dip the fry strips into deep fat or oil for about 4 minutes, or until cooked but not browned.

Cool parfried strips on absorbent paper to room temperature and pack in moisture-proof, airtight containers. Stored at 0° F., frozen parfried potatoes will keep for three to four months.

When you're ready to use them, thaw frozen strips for deep fat browning. Pat lightly with towels to remove condensed moisture, and fry about one minute until golden brown.

To bake or broil, use fries unthawed. In the oven, brown unthawed parfries for 10 minuters at 500°F., turning as needed. Or heat for five minutes at 500°F., followed by three minutes in a broiler.

French fried potatoes have a unique flavor when prepared this way. First, deep fat fry potato sticks. Let them cool on paper towels then reheat fat and add potatoes again with peeled garlic cloves. Fry for another five minutes, drain, and serve with salt, pepper, and garlic.

# Banvel herbicide receives new labels

CHICAGO, Ill - Banvel herbicide and Banvel combinations have recently received several new label registrations from the EPA, announced Velsicol Chemical Corporation.

New federal clearances include. Weedmaster herbicide, a pre-mix combination of one pound dicamba and three pounds 2,4-D per gallon, is cleared for control of broadleaf weeds in pasture and rangeland grasses and in noncropland areas such as fence rows, roadways and around farm buildings. Apply when weeds are actively growing at rates ranging from one pint to two quarts per acre.

Banvel herbicide is cleared for control of musk thistle in pastures and noncropland areas at a rate of one to two pints per acre in 10 to 20 gallons of diluted spray, applied when the musk thistle is actively growing.

Banvel is approved for control of multiflora rose in pastures and noncropland areas at a rate of one gallon of Banvel in 99 gallons of water Use 100 to 200 gallons of solution per acre.


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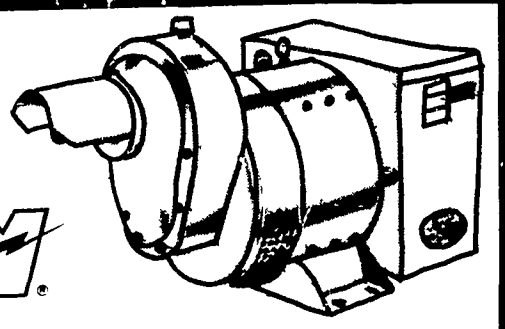

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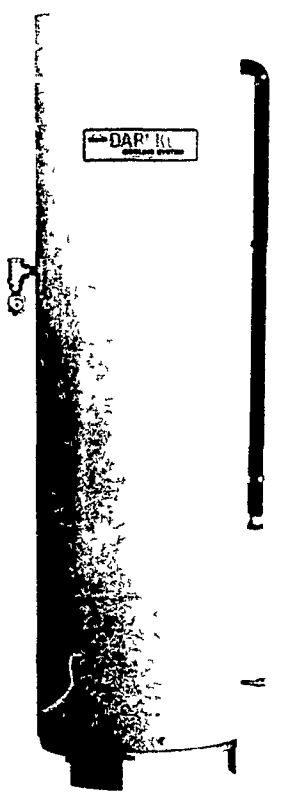

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|---|---|---|---|---|---|
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| | | (1) 4 H P | 155 | 165 | 170 |
| | | (1) 5 H P | 165 | 175 | 180 |
| 170 | 57 Gal | (2) 3 H P | 150 | 160 | 170 |
| | | (2) 4 H P | 160 | 170 | 180 |
| | | (2) 5 H P | 170 | 180 | 190 |

Chart shows typical temperatures (F) reached in the high temperature section of the THERMA•STOR HRS as determined by total compressor horsepower and operating time Temperatures and time shown assume proper refrigerant charge in system efficient compressor operation and no pre cooler in system

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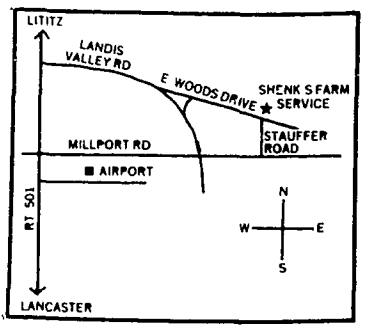


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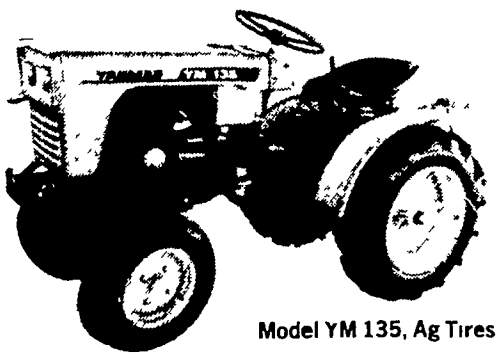

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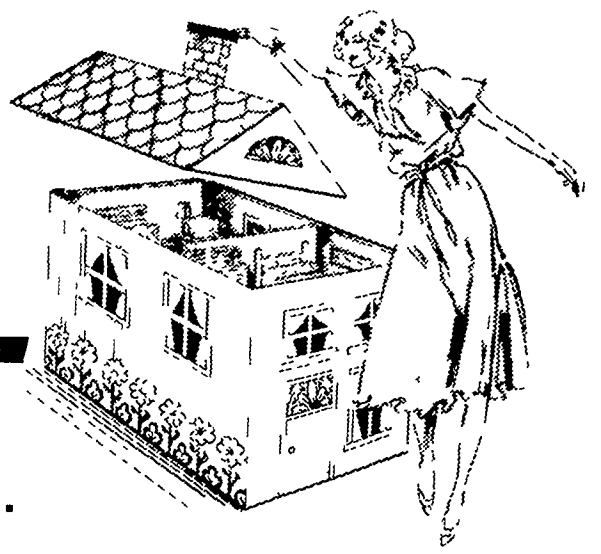

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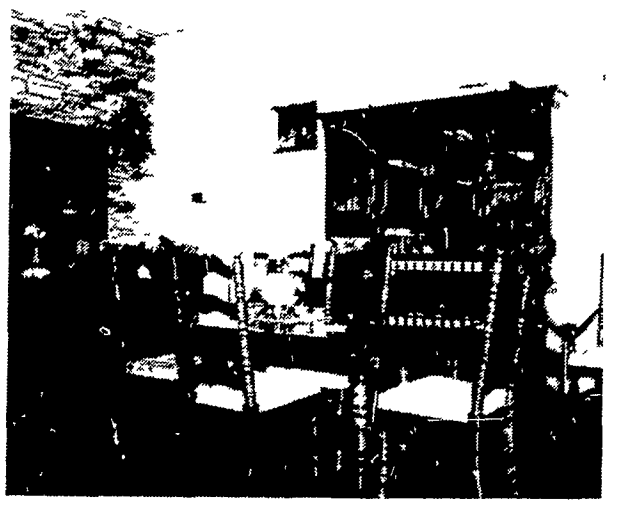

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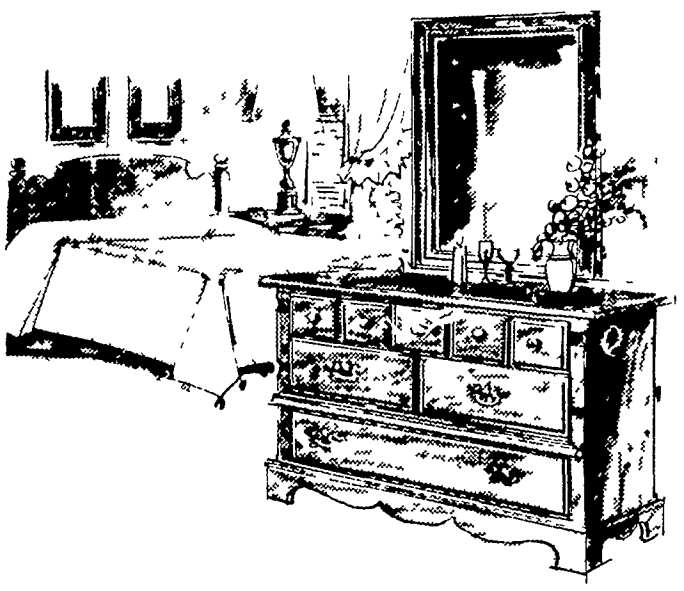

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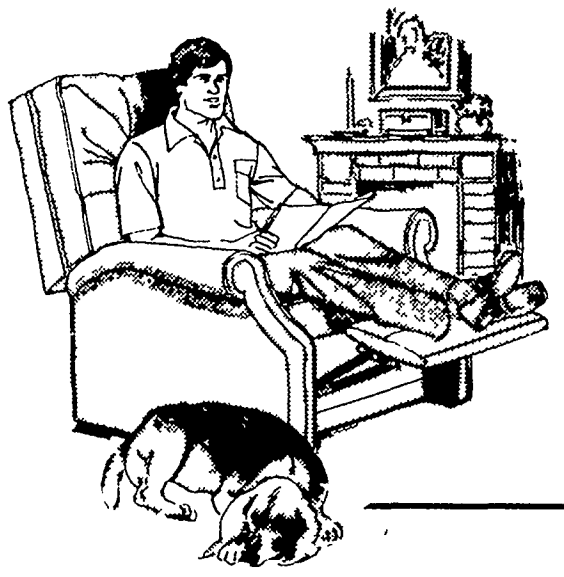

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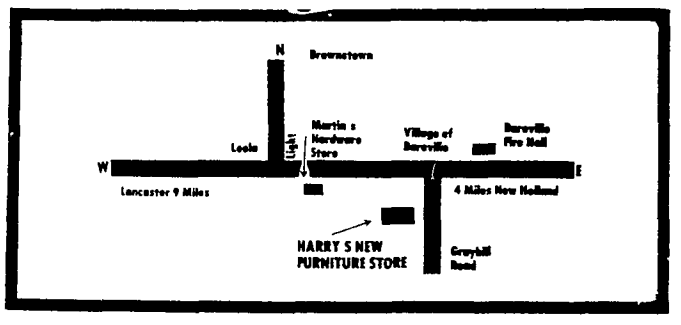


# Soil conservation urged in Quittapahilla Watershed

LEBANON – The Quittapahilla Watershed has serious erosion, according to Karl Hellerick, Soil Conservation Service. A field study of randomly selected 100 acre plots showed cropland soil loss per acre per year for Hazel Dyke 9.1 tons, Snitz Creek 8.5 tons, Bachman Run 8.2 tons and Beck Creek 6.9 tons (with one field at 23 tons). Quittapahilla Creek area north of 422 was 4.8 tons and Brandywine Creek was 4.7 tons.

Hellerick stated a three to four ton soil loss is generally acceptable as soil scientists estimate this amount is created by nature each year.

The universal soil loss method was used to determine soil loss. This system uses length of slope, steepness of slope, direction of farming (contouring or up-down hill farming) soil erodability and crop rotation. This method estimates soil movement from steeper areas to flatter area and not necessarily stream pollution. This study was part of the Soil Conservation Service small watershed program (P.L. 566) for the Quittapahilla Creek.

It is hoped that more landusers will become aware of their responsibility for soil stewardship, Hellerick noted. Simple conservation practices such as farming across the slope and leaving grass in drainageway does reduce soil loss, he concluded.

## Plant lovers' corner

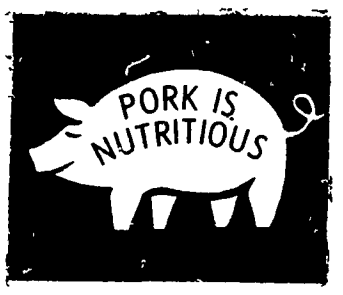
### Help seen for spider plant tipburn

MEDIA - Over the past several years there has been considerable interest in the problems with the popular house plant Chlorophytum conmosum – The Spider Plant. According to experts some answers have been obtained on the development of new plants as well as suggestions for tipburn of the foliage.

Research shows that the development of young spider plants at the ends of the runners is associated with the amount of light the plant receives. New plant development occurs when the days are shorter during the winter months if plants are grown under natural light. This is why homeowners frequently fail to have young plants form if their plants are located in a room that is used during most of the day and night in the winter months. The extended periods of light tend to restrict the development. If this has been a problem withone's plants, she should try to move them into a room that is not used at night.

Over the years there have been a number of suggestions as to the possible reason for the tipburn that causes the ends of the leaves to turn brown. Air pollution, water quality, excess fertilizer and even nutrient deficiency have been suggested as possible causes. However, research shows that none of these causes had no direct bearing on the problem. A recent Penn State study considered another aspect of the problem. Liming of the growing medium was observed to have a slight benefit in the reduction of the tipburn, but did not eliminate the problem Completely. (Of the liming and calcium materials studied, it was learned that hydrated lime has the greatest effect on the foliage).

To equal the amounts used in the study, one would have to incorporate no more than 4 1/2 teaspoons of hydrated lime into each quart of potting material used for the spider plant. Hydrated lime is a rather strong material and it has to be thoroughly mixed with the potting material. There should be no particles of lime visible after mixing. The addition of lime is not the final answer, but it may help to improve the overall quality of foliage on any spider plants in the collection. One should keep the plants watered well after the incorporation of the lime material to prevent root injury.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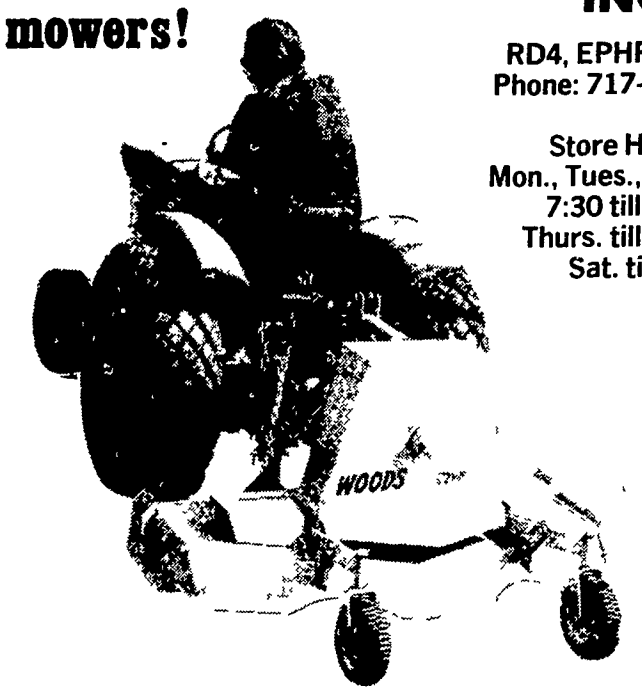


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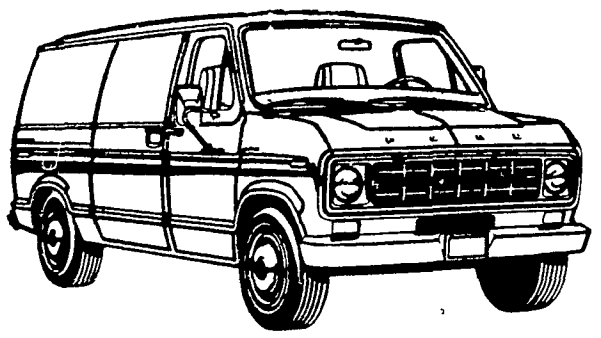

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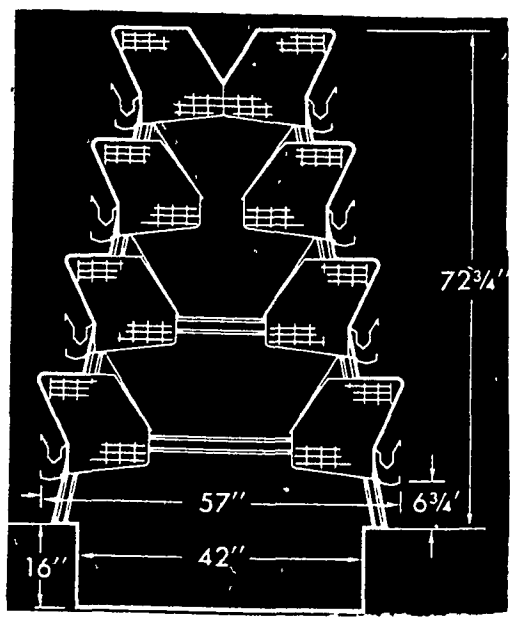


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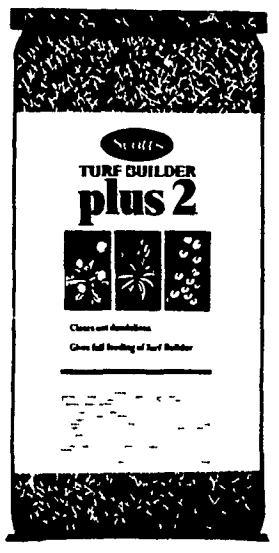


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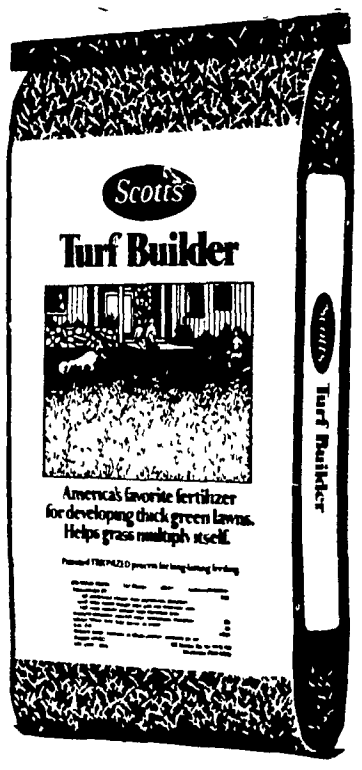
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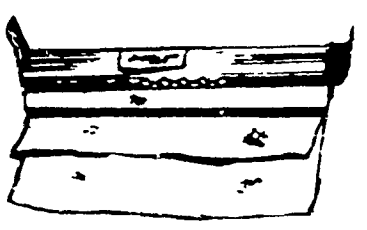

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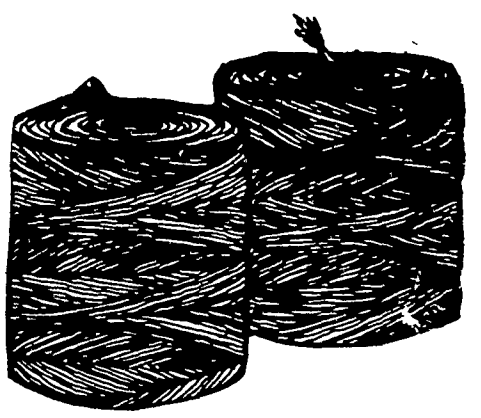

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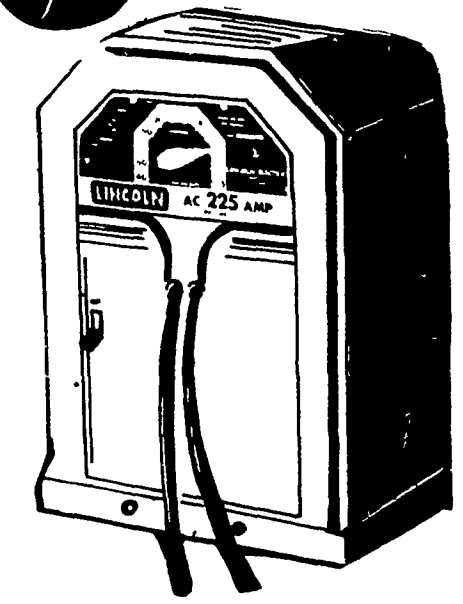


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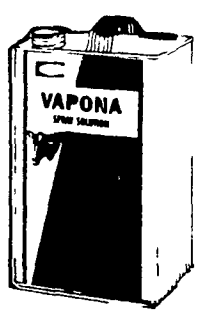


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# On being a farm wife

## —*And other hazards*

By
JOYCE BUPP

Manure storage facilities are recent agriculture innovations in the handling of livestock by-products. They hold wastes for field spreading at the most beneficial time to prevent pollution and runoff, as well as digest and convert solids to more readily usable liquid plant food.

Today, this column announces the presentation of a newly-construed honor: The Manure Pit Award.

Winner of this presentation is a proposed gas-saving concept that I suggest be sunk to the bottom of the pit, hopefully to never return, or to at least be converted into a more digestible solution.

Powers-that-be in Washington, D.C., recently announced that you and I should each choose one day per week on which we shall not drive our automobiles. Just to make sure we don't fudge on our promise, the regulation shall be LEGALLY ENFORCED.

Keeping in mind the following questions, I wish to request the expert's advice in determining which day a farmer should select to idle his transportation:

–On which day will the tractor gouge a gear, blow a breather or bust a bearing for which someone must drive to fetch a replacement?

–On which day will Bossie or her calf contract mastitis, ketosis, scours or the seven-year-itch, for which someone must travel to pick up special medication?

–On which day will she instead develop a twisted stomach, severe milk fever, or cut a teat flying across a fence, requring the on-farm services of the veterinarian? Will she be legally enforced to do this on a day that the vet can drive his treatment-equipped truck?

–On which day do you legally enforce cows not to come into heat, because the artificial inseminator has chosen that seventh of the week on which to rest his car in patriotic service?

–On which day will the milk tank never burn out a condensor, a fuse or an agitator motor? (Same goes for cooling fans and feeding equipment in veal houses, farrowing and hog fattening operations, egg layer and broiler buildings, and steer feedlots)

–On which day will no one ever cut a finger, twist and ankle or back, or need prescription medication from the doctor or druggist. ("Sorry, Charlie, but you can't bleed until tomorrow-no car, you know.")

Get the message?

So we proudly present the first Manure Pit Award to the originators of this incredibly unworkable and unrealistic energy conservation idea.

It's the pits.

# Ida's Notebook

Ida Risser

This morning I was contemplating a subject for this article. Finally I decided on comparing my present day housecleaning with past efforts at keeping a floor clean. When I was a youngster, we rolled up the rag carpet each Saturday; lay it on the porch and swept and swept it with a broom. Then it was returned to the kitchen to gather more tiny stones and dirt as we had a gravel walk. But no matter what method we use, even electric vacuum cleaners, after a day of pushing furniture around, we usually enjoy a good night's sleep as it is a tiring job.

I'd barely started to write when I noticed a commotion outside the window. The gas man, who had just delivered 500 gallons of gasoline and presented a whopper of a bill, and my husband were looking all around the blueberry bushes and in the surrounding alfalfa field. I thought that maybe they were admiring the full bloom of the plants this Spring. But when I walked out on the front porch, I discovered that still another serviceman had a car parked at the barn. It seems that when he opened his trunk a large tiger-striped cat had jumped out and dashed into the field.

They told me that he had just come from an Amish farm and apparently that is where he unwittingly acquired the cat. I told them that the last thing we needed was another cat but at least it would be a new blood line to add to our present dozen or more felines. He agreed with me and added, "Now all your new kittens will have beards." I couldn't help but smile at his witticism.


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1 Feeds & Feeding 9th Morrison p165

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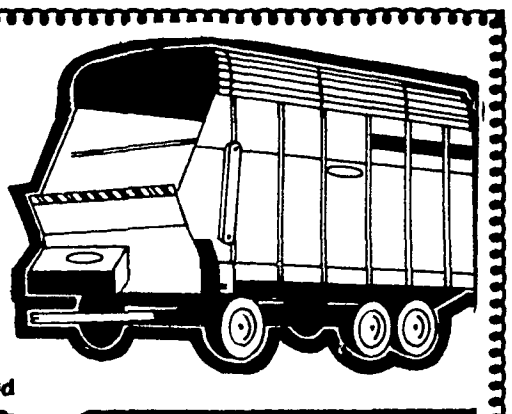

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# Make a dessert using the metric system

DURHAM, N.H. – A creamy dessert like Centimeter Swirl will get a person into the metric system so smoothly she'll wonder why she ever worried about changing! It's a delightful blend of eggs, cream cheese and whipped topping finished off with elegant swirls of rosy pureed berries.

For some time, the weights of grocery store items have been marked with such metric terms as kilograms, grams, liters and milliliters as well as with the familiar pounds, ounces, quarts and pints. A person will find most of the main ingredients for Centimeter Swirl packaged in gram amounts just as they are listed in the recipe. The other ingredients can be measured in a jiffy with the new metric measures available. Metric dry measures look very much like the standard system cups and spoons cooks have been using. New liquid measures have standard measurements on one side and metric on the other.

The eggs, of course, are no problem at all because they're the same in both systems.

When one serves Centimeter Swirl she should, keep the recipe handy – just to convince her guests that she really did switch to metric!

**CENTIMETER SWIRL**

**Crust**

175 milliliter (3/4 cups) graham cracker crumbs (about 8 squares)
15 milliliter (1 tablespoon) sugar
30 milliliter (2 tablespoon) butter, melted

**Filling**

4 eggs, separated
1 package (227 gram or 8 ounces) cream cheese, softened and cut into eighths
1 milliliter (1/4 teaspoon) cream of tartar
0.5 milliliter (1/8 teaspoon) salt
60 milliliter (1/4 cups) sugar
1 container (254 gram or 9 ounces) frozen whipped topping, thawed
1 package (283 grams or 10 ounces) frozen raspberries, partially thawed*

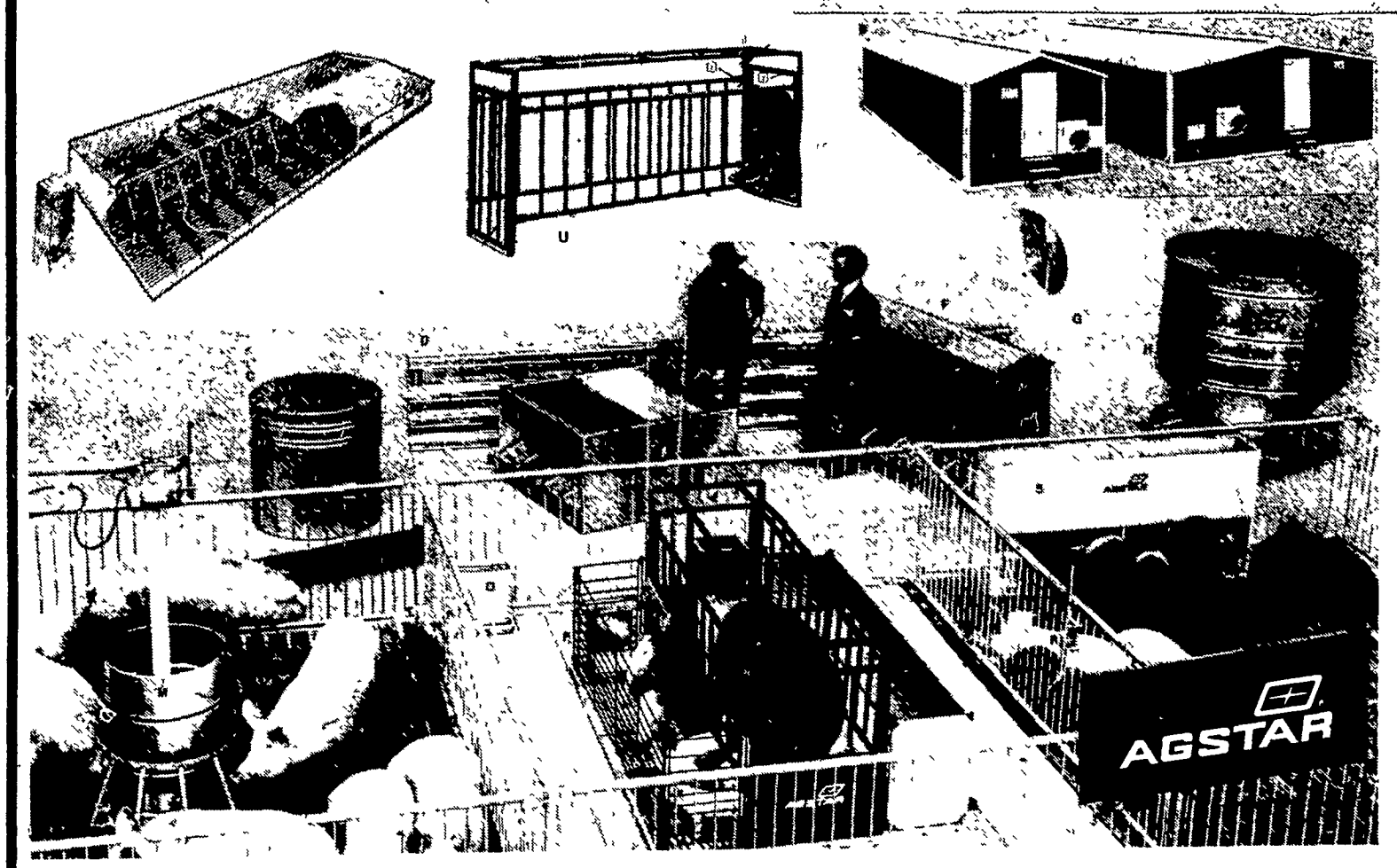
Crust: Mix together crumbs and sugar. Stir in butter. Press firmly and evenly on bottom of 30 x 20 x 5 centimenters (12 x 7 1/2 x 2 inches) baking dish. Bake in preheated 180° C (350°F) oven five minutes. Cool on wire rack.

Filling: In small mixing bowl beat egg yolks on high speed until thick and lemon-colored, about 5 minutes. Add cream cheese. Beginning on low speed, and increasing to high, beat until smooth, about 1 to 2 minutes. Set aside. Wash beaters. In large mixing bowl beat egg whites, cream of tartar and salt until foamy. Add sugar, 15 milliliters (1 tablespoons) at a time, beating constantly until sugar is dissolved ** and whites are glossy and stand in soft peaks. Gently but thoroughly, fold yolk-cheese mixture and whipped topping into egg whites. Pour about half of this mixture and whipped topping into egg whites. Pour about half o this mixture (about 1 liter or 1 quart) onto cooled crust. Level surface carefully. Puree raspberries in blender or press through sieve. Pour 125 milliliters (about 1/2 cup) over top of mixture on crust and swirl with knife, being careful not to cut crust. Repeat with remaining filling and raspberries. Freeze until firm, at least four hours. To serve, cut into rectangles and place on serving plates. Serve immediately or let stand about three minutes for a softer consistency. To store leftovers, cover tightly with plastic wrap. Makes nine servings.

*1 package (283 g or 10 oz) frozen strawberries, partially thawed or 500 milliliters (1 pint) fresh raspberries or strawberries, washed and drained, may be substituted for frozen raspberries.

Centimeter Swirl, made from eggs, cream cheese, whipped topping and berries, is one dessert that can easily be made using the metric system of measurement.


THE SYSTEMS PEOPLE

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# Farm Women Societies

## Berks Co. Society 3

Approximately 125 Berks County Farm Women were entertained by Berks County Farm Women Society 3 at their 25th anniversary. The affair was held at the Boyertown High School cafeteria.

Society members presented a fashion show of ridiculous style. Mrs. Joseph Bartholomew narrated the show.

The "Related Three," Fay Ludy, Etta Rothemel and Winnie Pitzonka presented a musical program.

The special project called, "Creative Housewife", for the Societies was presented by the president as a challenge for the ladies to create something and enter in the competition.

The Society will be serving at the refreshment stand at Oley June 2nd.

The next meeting will be held at the home Mrs. Steve Fisher, Oley, June 19, with each lady bringing a favorite or foreign dish as well as sharing the recipe.

## Berks Co. Society 6

Car Maintenance-Women's Style was the program for Berks County Farm Women Society at the home of Mrs. Morris Drumheller, Oley, on May 19. Questions were presented to Robert Drumheller, station manager, Oley, who was available to answer the questions.

The president announced the Berks Heim picnic and Open House will be held June 10. Volunteers were accepted to help at the food stand.

The Society decided to give a donation which will enable five students from Hamburg State School to go to camp this Summer.

## Cumberland Co. Society 20

The May meeting of Cumberland County Farm Women Society 20 was a Mother-Daughter Banquet at the South Middleton Fire House. Guests were greeted by Society President, Mrs Roy Deitch. Special guests at the banquet were Cumberland County Farm Women President, Martha Mohn and her daughter.

The program for the evening was a magic show presented by Mike Wacker of Mechanicsburg. He is a 16 year old Cumberland Valley High School student. Group singing followed the show.

Door prizes were given out by the Banquet Committee which was Patsy Harris, Sally Sheely and Bev Deitch.

The June 27th meeting will be at the home of Betty Rider, Mechanicsburg. The program will be a plant exchange.

## Lancaster Co. Society 3

Mrs Norma Meak, Denver, hosted the May 19 meeting of the Lancaster County Farm Women Society 3

President Murial Moore led the meeting Mrs Ivan Eberly reported on the progress on the Historical committee Approval was given to have the book printed when at the infomation is compiled.

There will be a bus trip to Ocean City, N.J. on August 4. The Society's family picnic will be held at the Sunny Craft Farm on July 15.

The speaker for the evening was Penny from Belgium. Penny showed slides and answered many questions about her home and country.

There was a plant exchange held among the members.

The next meeting will be held at Mellingers Lutheran Church, Schoeneck. Mrs. Ethel Gerhart will serve as hostess.

## Lancaster Co. Society 4

Mrs. Elmer Schroll, Lancaster, was the guest speaker at the May meeting of Lancaster County Farm Women Society 4. Mrs. Clara Musser, Columbia R3 served as hostess with Mrs. Robert Bushong as co-hostess.

Mrs. Schroll displayed and spoke [illegible] doll house made [illegible] husband It was a miniature reproduction of his birthplace, the Donegal Church House, built in 1810, located on the Maytown-Mount Joy road Several pieces of furniture in the doll house were miniature reproductions of the actual antiques owned by the Schrolls, and were made by Mrs Schroll She also made lamps from robin and parakeet eggs.

The Society finalized plans to entertain 21 children from the Christ's Home in Paradise, with a picnic and tour of the Choo Choo Barn, Strasburg, on Wednesday, May 23rd.

An auction of baked goods and other items will be held at the next meeting, June 23rd It will be held at the home of Mary Frantz, Mountville. Co-hostess will be Mrs. Edwin Yeager, F.D Warfel will present a safety program.

## Lancaster Co. Society 12

On May 19, Lancaster County Farm Women Society 12 met at the Farm and Home Center to entertain Society 2 and County officers to a luncheon. There were 37 people present.

President Marian Glick conducted the meeting. A donation was given to the IFYE fund. The next meeting will be a Summer picnic at the Safe Harbor Park, June 26th.

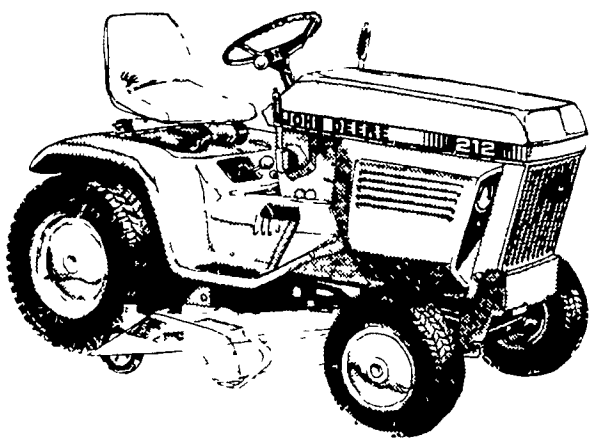
Reverend Flurer entertained the group with a show of slides taken in Hawaii

Followng the program, several plants and flowers were given to guests and members.

## Lancaster Co. Society 25

Mrs. Helen Metz hosted the May 12 meeting of Lancaster County Farm Women Society 25. Nineteen members were present.

(Turn to Page 97)

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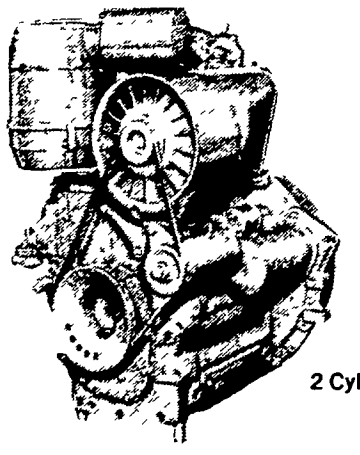

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## Farm Women Societies

## Lebanon Co. Society 14

(Continued from Page 96)

A game was played using pictures of historical places and things in Lancaster County, keeping with the 250th anniversary theme

The next meeting will be held June 9th at the home of Emma Goss, Millersville. Dieter Krieg, editor of **Lancaster Farming**, will be the guest speaker

Lebanon County Farm Women Society 14 met recently at the home of Mrs Paul Engle, Palmyra R2 Co-hostess was Mrs Edward Wenger

President Ungemach led the business meeting with 14 members answering to roll call. Five members reported on attending the Spring Rally. The Society has received an invitation from Society 3 for a night of entertainment on June 25.

Mr. Paul Engle showed slides of his European trip.

The next meeting will be on June 19, 7:30 p.m. at the home of Mrs. Walter Dice, Hershey R1.

# USDA says farmers will have fuel supplies

WASHINGTON, D.C – Testifying before a recent joint subcommittee session of Congress on energy, USDA Deputy Secretary of Agriculture Jim Williams responded to questions and answers about the agricultural priority for Diesel fuel Following are the questions and answers, as provided by USDA

Q. How will the President's diesel allocation announcement affect farmers?

A. Through July 31, 1979, farmers are entitled to 100 per cent of their diesel requirements. Farmers and other specified agricultural users are to receive their current diesel fuel requirements, and remaining diesel supplies will be apportioned among other users.

Q. Who in agriculture is covered by this new program?

A. "Agricultural production" includes all activities involved in farm production, forestry and fishing, and in the processing and preparation of farm products into final consumer products. The Agricultural Stabilization and Conservation Service (ASCS) state and county offices has information about this.

Q. From a farmer's perspective, how will the program work?

A. If additional diesel fuel is needed for production, an order is placed with the local distributor. Once the need for diesel is confirmed by the local distributor, the full diesel requirements should be delivered to the farmer. (When requested, County ASCS offices will provide information to help determine the diesel requirements of individual farmers.) If necessary to meet agricultural needs, a distributor must reallocate diesel from nonagricultural customers, then seek replenishment from his wholesale supplier.

Q. What if a farmer's local dealer cannot get diesel fuel now?

A. The U.S. Department of Energy (DOE) can require wholesale suppliers of diesel fuel to provide local distributors with supplies sufficient to meet farmers'needs. If necessary, refineries can be instructed to move diesel fuel to wholesale suppliers in agricultural areas. The Department of Agriculture through ASCS offices will work with DOE and State energy offices to see that agricultural production needs are identified and met.

Q. How will this program mesh with the 4 per cent state set-aside fuel program?

A. The new Federal mandatory allocation program for agricultural users will supplement the 4 per cent State set-aside program.

Q. Will agricultural producers be forced to pay more for priority diesel fuel?

A. No. DOE regulations require that diesel fuel be supplied for agricultural production at non-discriminatory prices.

# Help offered for multiflora rose

Paul H. Keeney, Chairman of the Berk County Agricultural Stabilization Conservation Committee announced that additional funds have been made available for Multiflora Rose Control under the 1979 Agricultural Conservation Program.

Although funds for all other ACP practices have been allocated and no more applications are presently being taken, one can call in a request and be put on a list just in case additional funds would become available. Keeney points out, however, that should one start the practice before being notified of the approval one would not be eligible for the cost-shares.

For 1979 Multiflora Rose Control ACP benefits are 50 per cent of the cost of the chemicals not to exceed $100 per farmer. Special Tordon 10K training classes are no longer needed. All that is required is a regular applicators license which can be received after an open book test.

Applications for cost-share help from ASCS are being taken at the ASCS Office, Berks County Agricultural Center, RD 1, Leesport, PA 19533.


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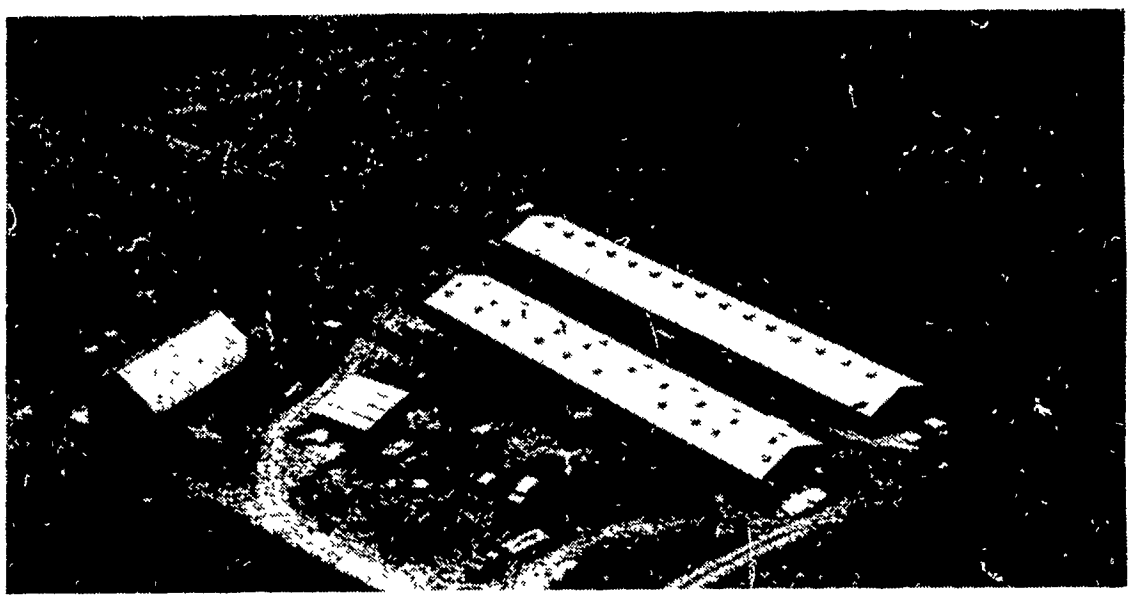

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# Poultry profits promised despite price punch

By DIETER KRIEG

UNIVERSITY PARK — The long-range outlook for the poultry business is unquestionably good, but the short term forecast may include a few problems. That's how Penn State's poultry scientist Kermit Birth sums up the situation. He spoke last week at the 1979 Agricultural Conference for Pennsylvania Bankers, held here on the campus of Penn State University.

Birth predicts the state's poultrymen will be marketing more of everything this year and their incomes will be generally good despite some drops in prices. He says the strong demand for eggs, broilers, and turkeys will continue, due in part to the rise in beef prices. "We're selling more at higher prices than a year ago," the poultry specialist exclaimed.

Acccording to Birth, all three areas of poultry production look good. The problem comes in, however, in knowing how expansion programs will affect the availability of eggs for either table or breeding purposes. The turkey business will be least affected by the phenomenon, since turkey producers have already gone through their expansion

Kermit Birth

phase. In fact, the expansion has been such that lower turkey prices are predicted for later this year.

Agreeing with many others who see a bright future for Pennsylvania's poultrymen, Birth noted that weather patterns are causing problems for poultrymen down South. It's been getting too cold in the Winter, and too hot in the Summer and the farmers down there aren't prepared to cope with it. Pennsylvania growers, however, know how to handle the situation and this is something in their favor. Also, the fact that transportation is getting more costly and Pennsylvania is near major population centers is an advantage for this region's producers.

Birth credits the state's poultry industry for doing "a terrific job in both producing and marketing a quality product 52 weeks of the year."

Nationally, Birth expects an eight to 10 per cent increase in layer and broiler flocks. "That will take eggs away from the table market," he commented," adding that this could cause some problems in prices. He noted that Pennsylvania as a whole was placing fewer pullets early this year and keeping hens longer. Since Easter, more birds are going for slaughter, he added.

Birth sees egg prices for the third quarter of this year as dropping to year-ago levels or possibly even lower. It'll depend on the amount of expansion taking place. Pennsylvania has housing capacity for 17 million birds, and with the expansion going on now, the state could have a record number of birds by the end of the year.

"The industry must exercise caution against over-expansion," Birth advised. "Prospects for the Summer look promising. However, this Fall prices may be below a year earlier. This will depend on the number of pullet chicks started the first six months of this year. The pressure will be on marketing agents to foster orderly marketing as egg supplies increase to avoid a breakdown in the production marketing system. This means marketing eggs of high interior quality with clean and sound shells."

In summary, Birth predicted that the second half of 1979 won't be as good for poultrymen as the first half, but there will be profits to be made despite lower prices.

# Weed workshop set

DOVER – William Fleet, advisor to the Dover Young Farmers Association, will hold a Weed Identification and Control workshop on May 30 and 31 at the school agriculture classroom, beginning both evenings 7:30 p.m.

"The purpose of the seminar is to teach how to identify some of the common weeds and methods of controlling them," says Fleet. During the classroom sessions, various chemicals and the proper timing of spray applications will be discussed.

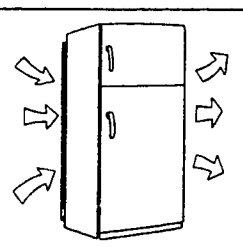
A follow-up to the workshop is tentatively set for July with another weed seminar to be held at an on-farm site where late-season weed problems will be checked.

All farmers interested in the workshops should contact advisor Bill Fleet at the Dover High School for more details.

The chapter has also planted a series of corn test plots on the farm of member Charles Rauhauser. Thirty varieties by six companies are included in the test area, as well as a trial on Furadan treatment.

A July tour of the plots is scheduled, but members are invited to visit the site to inspect the trials at any time.

## CONSUMER GUIDELINES



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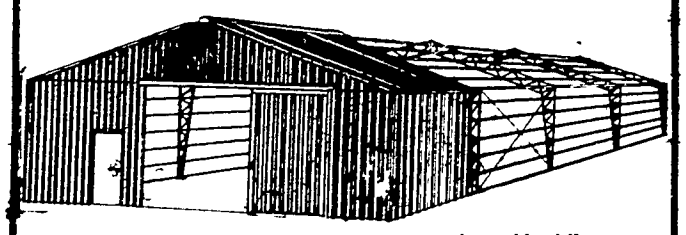

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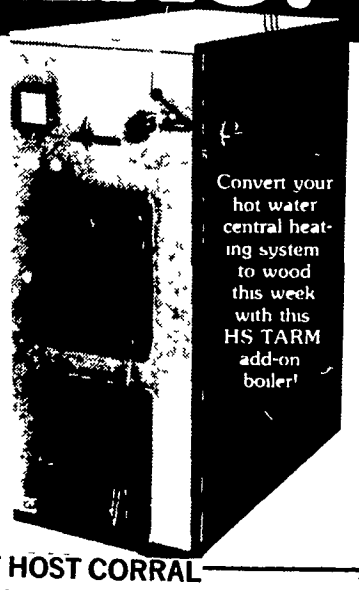

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# NPPC membership reaches record high

DES MOINES, Iowa – Pork Council membership has climbed to over 92,500 members, an all time high. That's the word from NPPC's Dan Hoffman, director of organizational development.

"Our growth," says Hoffman, "is the result of dedicated, successful membership campaigns undertaken by NPPC's affiliate state pork producer organizations, directed by their state executives and conducted by pork producers at the grassroots level.

"We can also attribute a portion of our growth work undertaken by these producers in the 1978 ARRWAD program. This project," Hoffman explains, "helped to create increased producer involvement and participation on behalf of their organizations.

"It's the local pork producer organizations throughout NPPC's 35-member states that form the nucleus for Council strength in terms of membership and market participation in the voluntary investment programs," he continues. "These nickels and dimes from the check off provide the base not only for the various NPPC promotional and consumer relations programs, but the Council's many other efforts."

NPPC President, Bill Buller, Brookings, S.D., echoed Hoffman's statements on the importance of grassroots producer participation in the growth of NPPC. "The Council," Buller says, "appreciates the work done by its member states and local producers. It shows us the producers' faith not only in the work of NPPC, but in their pork industry. This support is important, too, in that it gives the pork producers a strong voice in promoting their pork products and in Washington as well, when that strong, unified voice is important."

# *Grain situation is stable*

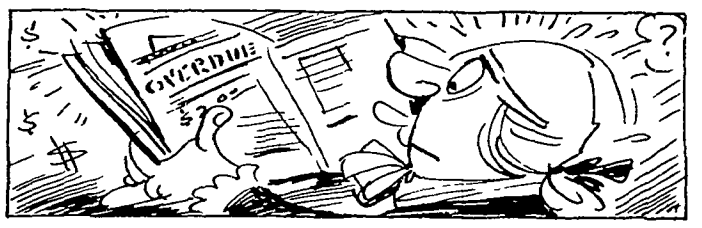
UNIVERSITY PARK — A professor at Penn State University, Virgil E. Crowley, says he sees no significant changes on the horizon for this nation's grain situation. Despite strong demand both here and abroad, prices are not expected to go up, the professor said last week during a conversation with 110 members of Pennsylvania's banking industry. He made the remarks during the 1979 Agricultual Conference for Pennsylvania Bankers.

Virgil Crowley

Prices won't change much - in fact they're likely to go down in the case of soybeans - because the crop is in such abundance, Crowley explained. The stockpiles of corn, for example, are piled higher than ever before, he noted. As for the prospects of the 1979 harvest, Crowley said that planting intentions are about the same as a year ago, but average yields will likely drop a bit because it is unlikely that the entire country will once again have ideal corn growing conditions. He predicts a large corn crop nonetheless.

The soybean acreage intentions are up about seven to eight per cent from a year ago, the Penn State professor reported. That could get to be even higher as Midwesterners experience too long a delay with corn planting and thus switch to soybeans. Based on this increase in planting projections and the fact that soybean carryovers are strong, Crowley predicts soybean prices to drop.

Hay supplies are projected to be "pretty good," again due to the large carryover from a year ago. "But the distribution of it may not be ideal," Crowley added.




The earliest public library was the Zaluski Library, which opened in Warsaw, Poland in 1747.

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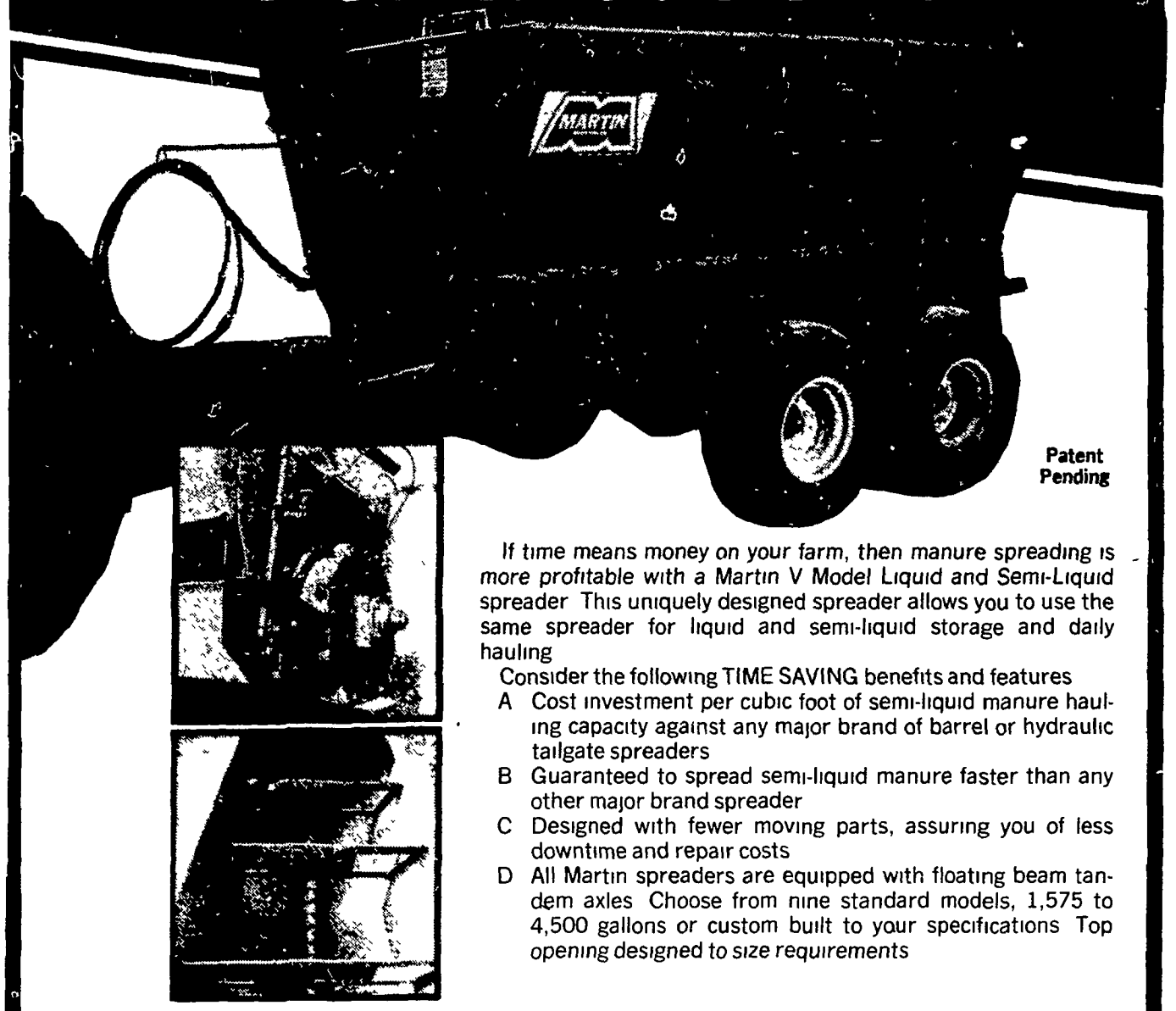


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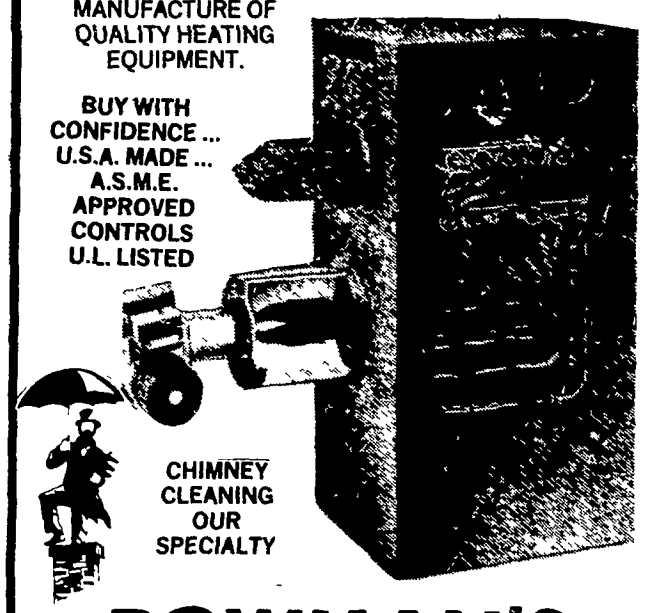

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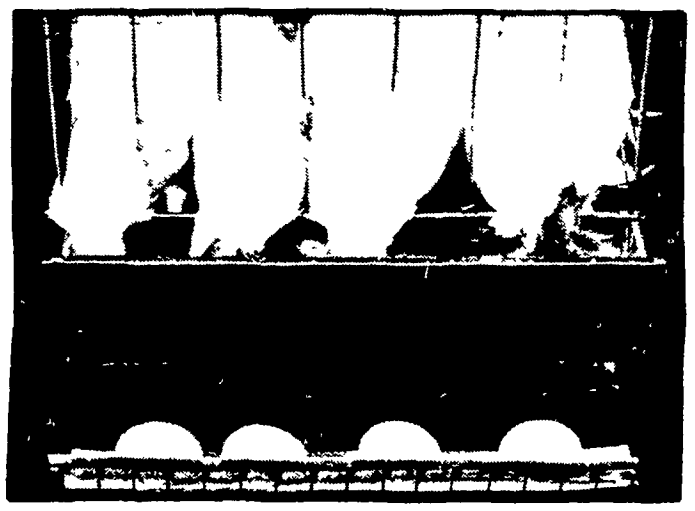

The system has been designed for bird **comfort!** Each bird has her place at the feed trough. Each has easy access to water. Obstruction to light and the flow of air have been greatly reduced, providing more uniform ventilation and lighting for every bird. Combined with Chore-Time's automatically controlled air inletting system, you get a layer house environment designed for bird comfort and the resulting better production.

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Until now, most ventilation systems had one drawback Air inlets had to be opened and closed by hand.

This was time consuming — and pretty much a matter of guesswork.

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The Chore-Time system has a mind of its own and adjusts inlets — in conjunction with fan operation — constant, preset

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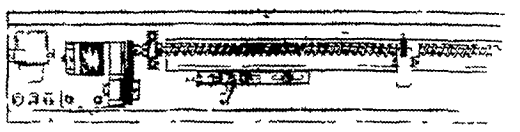
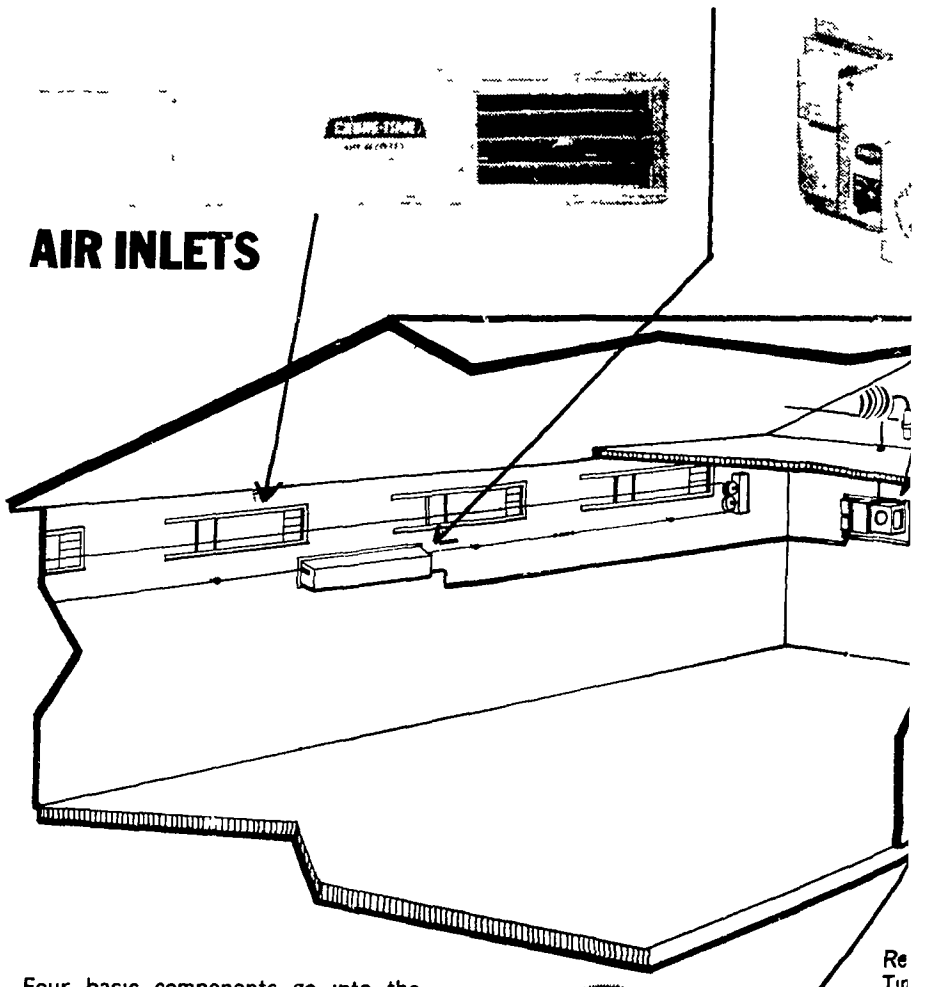
The new inlet of many exclusiv Time air systems and reliability.

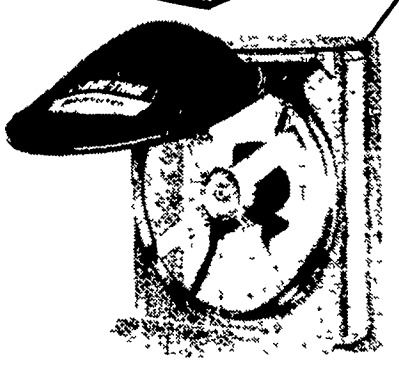


**INLET POWER PACK**

**AIR INLETS**



Four basic components go into the makeup of this ventilation system the fan, the inlet, the air inlet power pack, and the controls Coordinated, these four basic components can provide you with better conversion and performance by removing stresses due to lack of oxygen, excess humidity, noxious gases and temperature extremes



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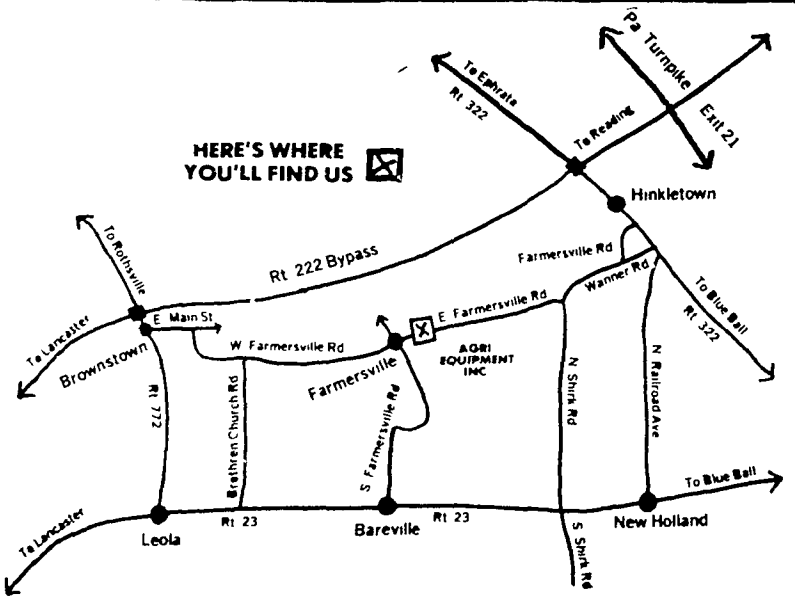


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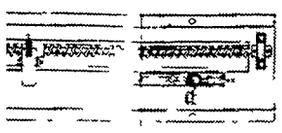
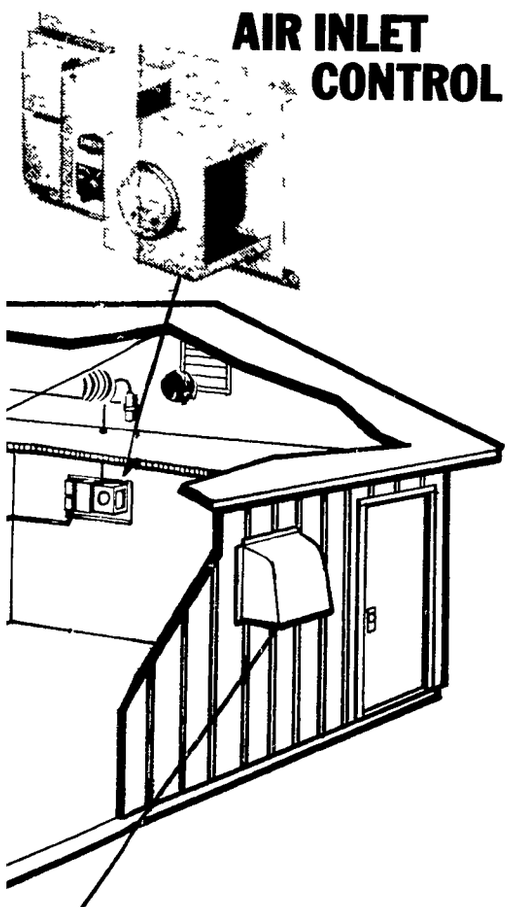


AIR INLET CONTROL



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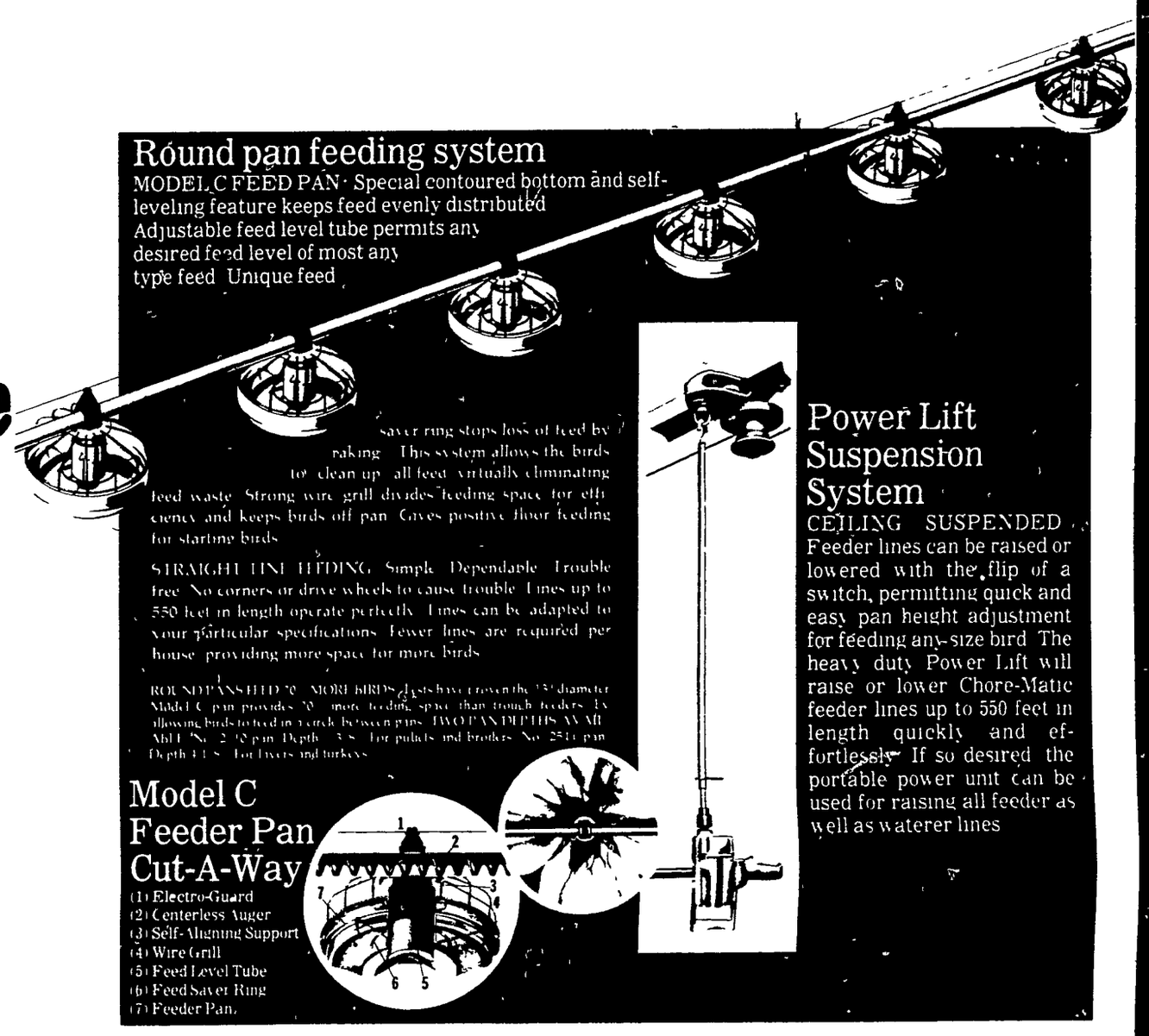

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saver ring stops loss of feed by raking This system allows the birds to clean up all feed virtually eliminating feed waste Strong wire grill divides feeding space for efficiency and keeps birds off pan Gives positive floor feeding for starting birds

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(3) Self-Aligning Support
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(5) Feed Level Tube
(6) Feed Saver Ring
(7) Feeder Pan.

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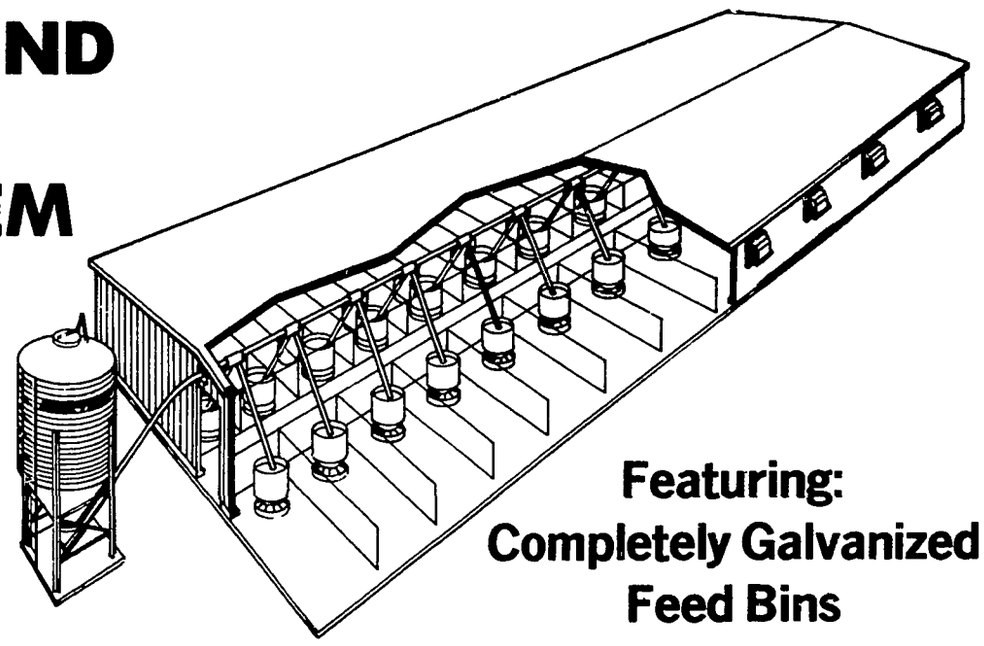

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# National FFA advisor H.N. Hunsicker retires

H. N. Hunsicker has retired as Head of Agriculture Education of the Office of Education and National Advisor of the Future Farmers of America (FFA), positions he has held concurrently for 14 years.

"I have mixed emotions but I am planning to retire and become a Virginia planter," Hunsicker said with a smile at an earlier meeting with the staff at the National FFA Center in Alexandria, Va.

Hunsicker has worked in the U.S. Office of Education since 1952. In 1965 he was appointed Education Program Specialist of Agribusiness and Natural Resources Occupations which included responsibility as Head of Agriculture Education, National FFA Advisor, Chairman of the National FFA Board of Directors, and President of the Board of Trustees, FFA Foundation, Inc.

Byron F. Rawls, chief of the southern branch, Division of State Vocational Program Operations in the U.S. Office of Education and member of the National FFA Board of Directors since 1967, has been named to take over as head of Agriculture Education

Hunsicker graduated from Virginia Polytechnic Institute in 1932 with a Bachelor's Degree in Agricultural Education He taught high school vocational agriculture at Wayne County High School in West Virginia for four years. From 1935 to 1952, Hunsicker worked in the West Virginia Department of Education, first as Assistant Supervisor and, from 1946 on, as State Supervisor of Agricultural Education and State FFA Advisor. He received his Master's Degree in Education from The Ohio State University in 1947, and has done further graduate work at West Virginia University.

"I think you have a person who will carry on the high traditions and ideals that have been set forth for this organization," Hunsicker recently said of his successor Byron Rawls Rawls has worked in the U S. Office of Education since June, 1966. At that time he was in Kansas City as Regional Program Officer, and moved to the Washington, D.C., office in June, 1978. While in Kansas City, Rawls was involved in coordinating programs for seven midwestern states, and worked very closely in planning the National FFA Convention.

Rawls, originally from Pleasant Home, Ala., was a vocational agriculture teacher for ten years in Evergreen and Auburn, Alabama, and served as Executive Secretary of the Alabama FFA Association. He is "looking forward" to his new position, and feels it will be "just like going home." Rawls assumed his responsibilities May 21

As Head of Agricultural Education, Hunsicker pioneered many changes in agriculture and the FFA. He helped broaden agricultural instruction to include agribusiness and natural resources, and instituted recognition for these enterprises in the FFA Degree Program. Hunsicker was also instrumental in founding the National FFA Alumni Association in 1972. Just recently, he has been a leader in developing and founding the National Post-Secondary Agriculture Student Association, which had a first Board of Directors meeting in the U.S. Office of Education on May 21-23.

Also under Hunsicker's leadership, the position of Executive Director of the National FFA Foundation Sponsoring Committee was established, which has increased funding from business and industry from $225,000 in 1969 to $1 million in 1979.

C. Coleman Harris, National FFA Executive Secretary, upon hearing of Hunsicker's retirement said: "As National FFA Advisor he has provided leadership by example, leadership by persuasion, leadership through determination, leadership through hard work, and leadership through strong Christian principles."

During retirement, Hunsicker and his wife Matha plan to move to their farm near Culpeper, Va., splitting their time between there and friends and activities in the Washington, D.C., area. The Hunsicker's present address is: 3210 North Albemarle Street, Arlington, Va. 22207.

### Different Views

*Three men of varying backgrounds were together on an overlook at the Grand Canyon*

*"What a wonder of science," said the archeologist*

*"One of the glories of God," remarked the clergyman*

*"A terrible place to lose a cow," observed the rancher*


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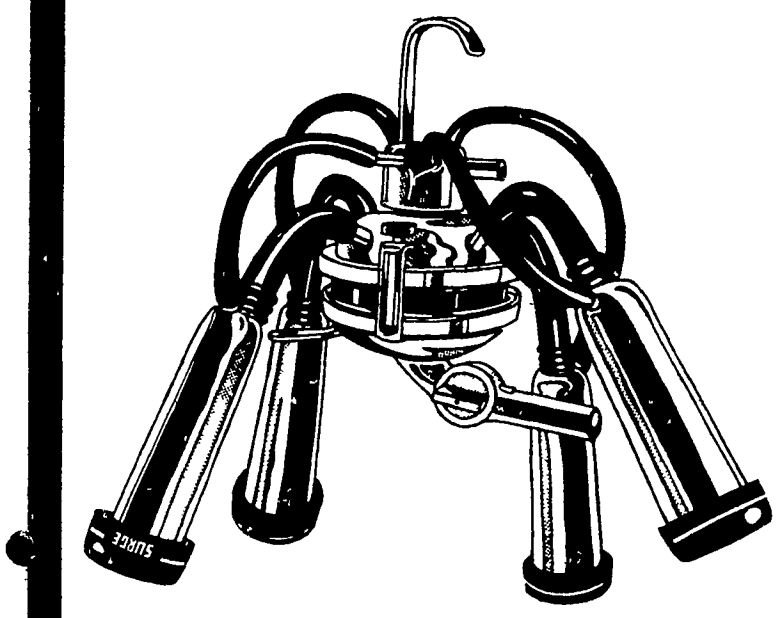

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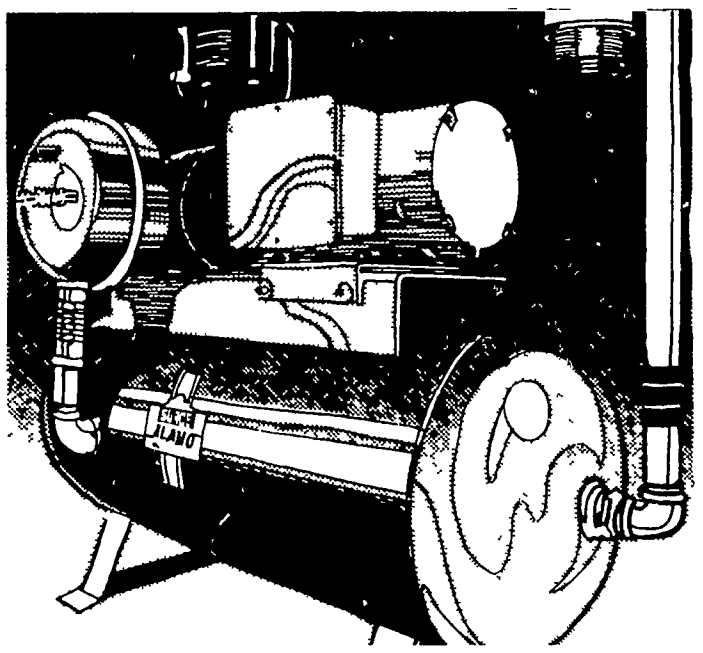


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Pork spareribs are one entree that can be included in the Summer picnic activities.

# Barbecued spareribs are good for cookouts

DES MOINES, Iowa — For a bang-up cookout, Rotisserie pork spareribs could to be a winner. Hardly any meat is as easy to fix as pork spareribs.

Barbecued spareribs are best when the cooking is slow and easy. This allows the ribs to be juicy, tender and crispy brown. For the ultimate in flavor, one should brush them during the last 30 minutes of cooking with a smoky barbecue sauce.

How much meat to buy? A person should allow at least one pound of spareribs per serving.

The National Pork Producers Council reports that pork is a sound choice for good nutrition as well as good taste and at present, at a favorable price. Pork is an excellent source of the B vitamins and high quality protein. Pork also furnishes the mineral iron, vital in the formation and maintenance of red blood cells and prevention of anemia.

One can serve rotisserie Pork Spareribs with baked potato, three-bean salad, favorite bread and dessert and lemonade.

**ROTISSERIE PORK SPARERIBS**

4 pounds pork spareribs
2 tablespoons butter
3 cloves garlic, chopped
½ cup water
1 teaspoon Worcestershire sauce
1 tablespoon hickory liquid smoke
2 tablespoons brown sugar
1 cup catsup
1 teaspoon salt
1 teaspoon pepper
Onion slices, optional
Lemon slices, optional

In a saucepan, lightly brown garlic in butter. Add water, Worcestershire sauce, liquid smoke, brown sugar, catsup, salt and pepper. Bring to boil. Cover, reduce heat and simmer 15 minutes, stirring occasionally. Thread spareribs accordian style on rotisserie rod using prongs to hold in place. Place on rotisserie and cook over slow charcoal until pork is done, about 1 hour. During last 30 minutes of cooking time, brush ribs frequently with sauce. Garnish with onion and lemon slices. Makes four servings.

# Heifer sale to benefit Angus scholarships

LOUISVILLE, KY — Hi-Way Angus, Elmwood, IL, is donating a September 17, 1977 daughter of Earl Marshall Legend to the American Angus Auxiliary to support the group's college scholarship program. The national Angus women's group will auction the heifer during the All American Angus Breeders Futurity, July 30 and 31 in Louisville, KY. Proceeds will be added to the scholarship fund, reports Mrs. Jamie Stevenson, Auxiliary president.

The heifer, Hi-Way Erica Pride 1007, will be bred to Hi-Way Sensation, the Illinois Futurity grand champion and record selling bull at $35,000 for half-interest.

This year scholarships totaling $3600 will be awarded to six high school graduating seniors who are active in Angus projects. The scholarship winners will be announced during the Futurity program on July 30.

Earl Marshall Legend, the sire of the heifer and Sensation, has been used across the country. He was very popular as the undefeated calf champion of 1976 and the undefeated senior yearling of 1977. Legend had a yearling weight of 1289 pounds and is compiling a great breeding record. He sired the first place junior get-of-sire at the 1978 American Angus Futurity and his progeny perform and sell well.

---

**Journalistic Device**

*Did you ever wonder why most newspaper editors refer to themselves as "we?" It's just in case the readers don't like what's being printed and will think there's too many people to argue with about it.*


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"WHILE THEY LAST"
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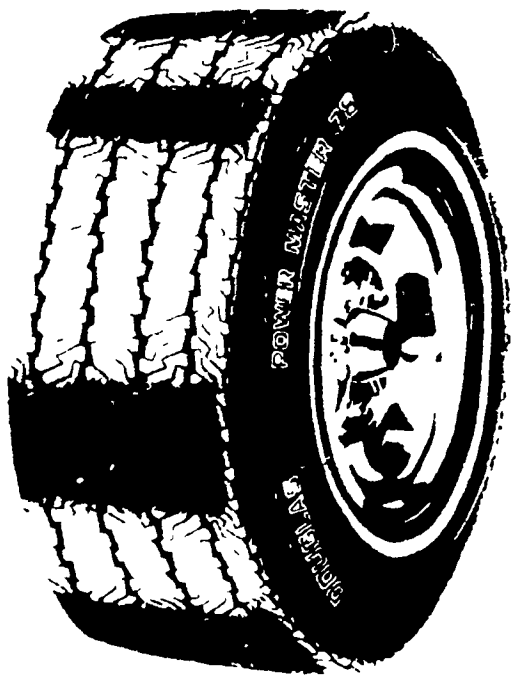


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| H78-14 | 27.34 |
| G78-15 | 26.76 |
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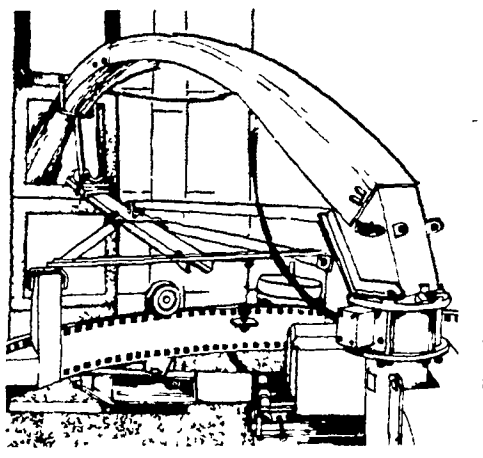

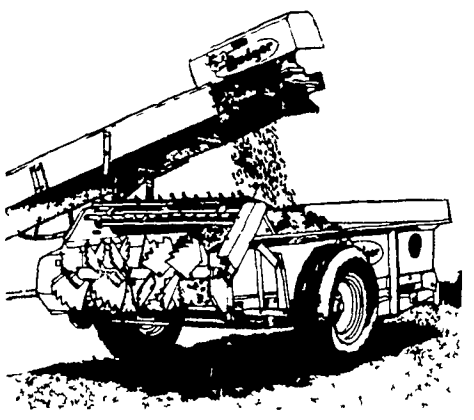

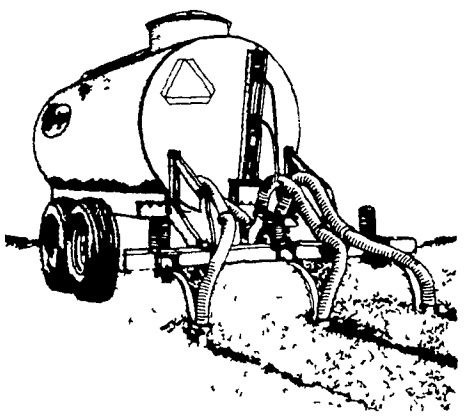

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# Kendy's Kollumn

by Kendace Borry

Six months ago if you would have asked me where we were going to live after I got married, I would have answered, "I don't know" We had been hunting for small farms and places in the country for about six months, and everything seemed either too high priced, too run down, too far away from work, or just too something or other. It wasn't that we were so fussy--just realistic about our own situation.

About two weeks before the wedding, I told my husband-to-be that I had had it. There would be no more home hunting until after the wedding. These Saturday jaunts were cutting into valuable time that was needed to plan the little details like flowers, cake, bridesmaids dresses, and other hundreds of things that were just piling up at an alarming rate.

The next day I was at home blissfully painting a door, dressed in my oldest jeans, when in he walks, raving about this house he had just seen. It was out in the country, he said, and had a little land, and I just had to see it right away With paint still smeared on my hands, he dragged me off to view this prospective homestead.

And two days before we were married, the deal was concluded, and we owned a home. In fact, I was almost late for my own wedding because I took all the relatives over for a tour of the new property, just two short hours before I was to travel down the church aisle dressed in white.

But anyway, we finally moved in last week, and now the garden is planted, the lawn mowed, and the furniture moved in. We're still exploring the barn, and the mare and foal are getting used to their new stall Moped the sheep has checked the pasture fence and found that, unfortunately for her, it is tight. Everybody is finally getting settled.

One of the things I worried about before I was married, was whether we would be forced to leave the countryside behind.

But it looks like we'll be busy making our own life on the farm. Could life be any better?


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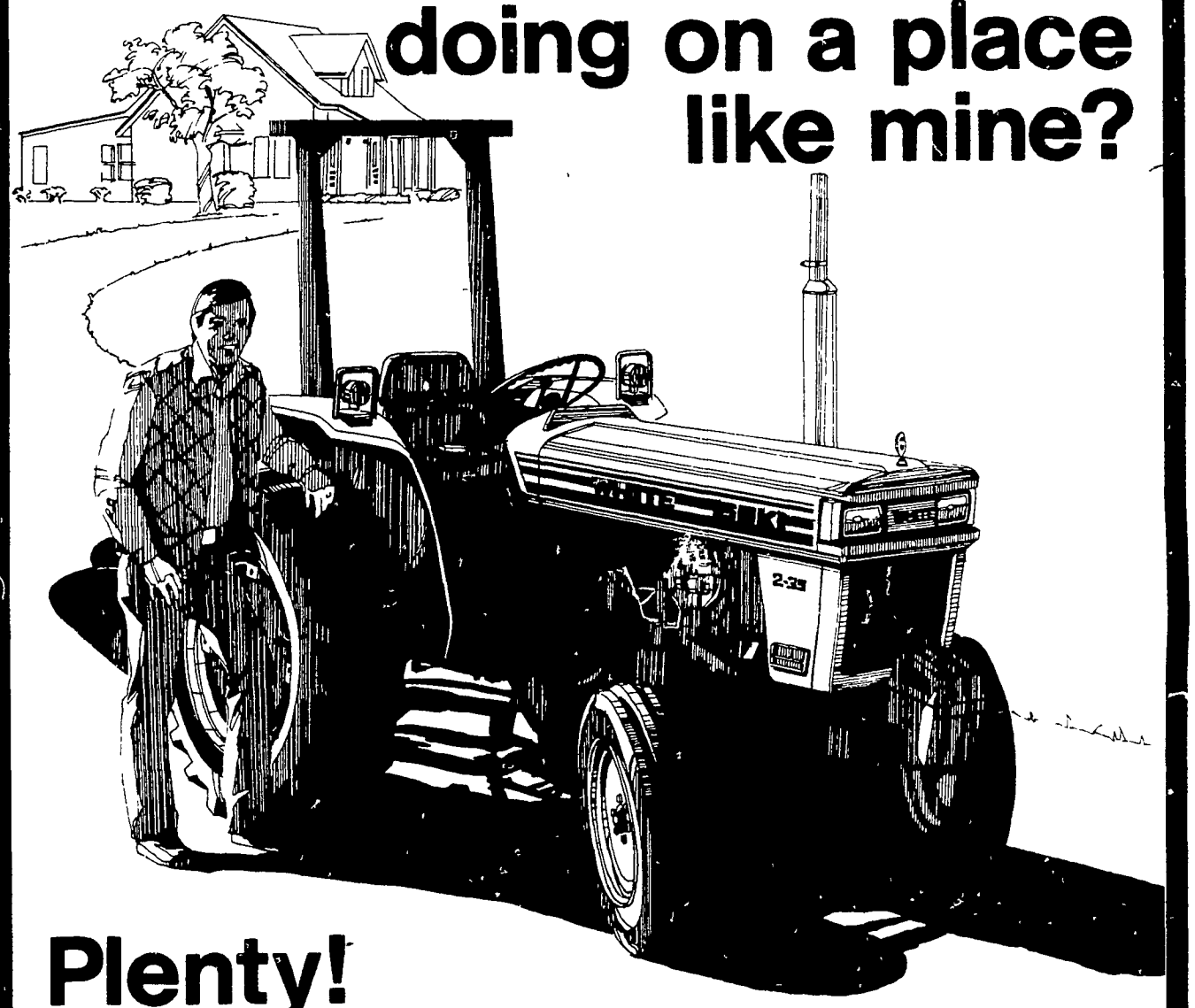

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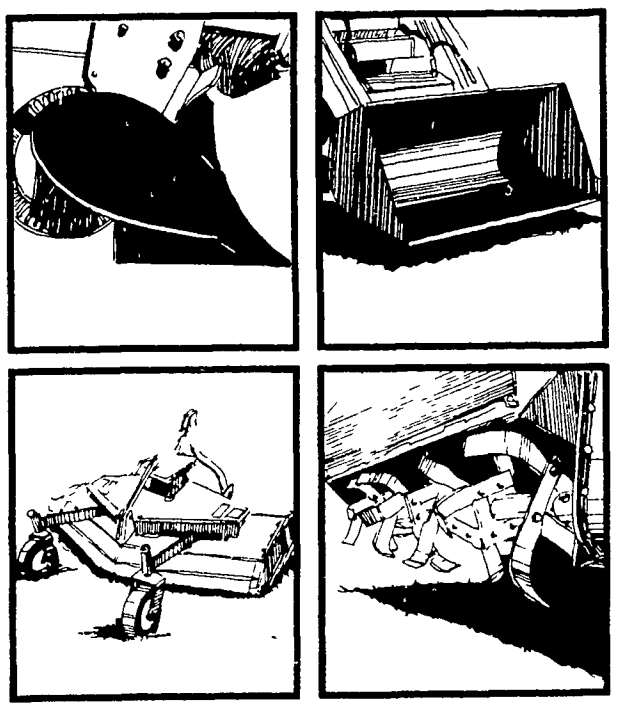

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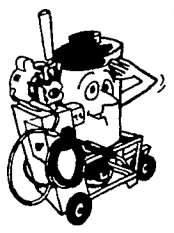

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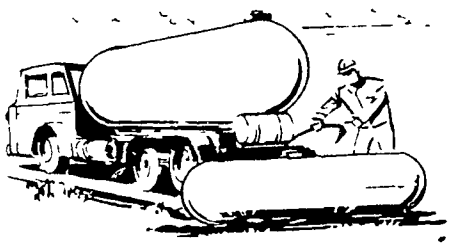

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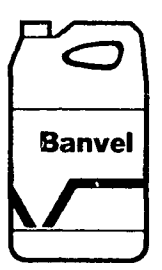


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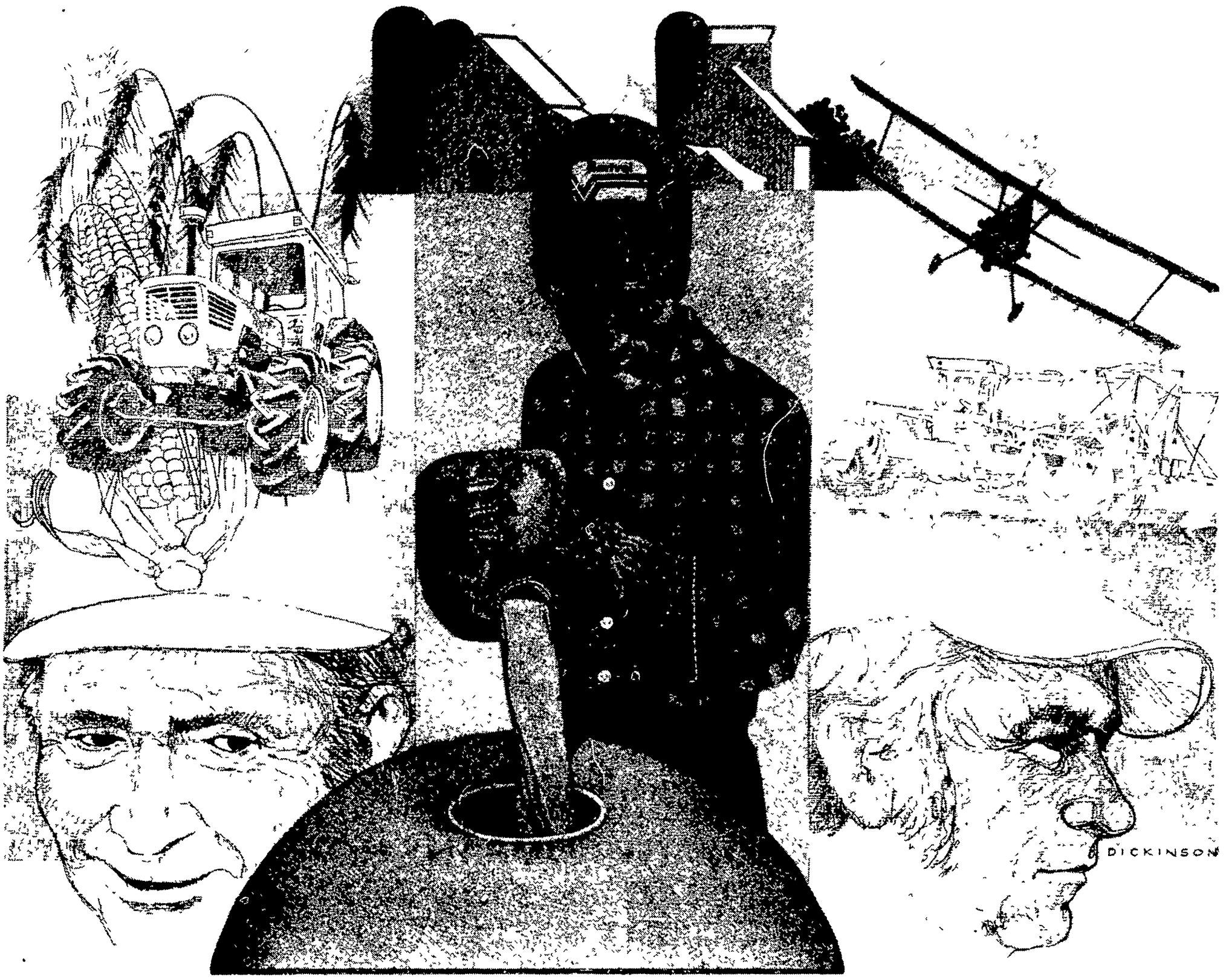


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# Life on the Farm

by Dieter Krieg, Editor

The sound of an engine running at full throttle and tires squealing as though they're under torture is outrageous.

I filled up with instant anger each time I heard the explosive sound. Had a gun been within easy reach, I might well have been tempted to fire a few shots in the direction of the thieves.

As it was, all I could do was stare helplessly into the dark night and brood over what might be done to prevent another bust at the gas pump. Frustrated, it was hard to go back to sleep during the middle of the night.

That was nearly 20 years ago, when gasoline was priced at less than 30 cents a gallon and nobody would even have dreamed of a gasoline shortage. But to some, gasoline was cheaper and easier to get if the lock was broken off the pump at the farm. The prime time for it was long after the farmer and his family had gone to sleep. Our rented farm in southern Lancaster County was an easy target because the pump was located right along the roadside.

And that being the case, the thieves helped themselves to our gasoline pretty near at will. They worked silently, under the cover of darkness. But once they had what they wanted, they weren't at all shy about announcing their departure in as loud a manner as they possibly could. It was, as far as I was concerned, adding insult to injury.

Something had to be done. I didn't want to just prevent further burglaries. I wanted to try catching them, or at least get even.

I had a simple plan that just might be the answer.

The following day I gathered up a few boards and lots of nails. With hammer in hand, I vented my anger and frustration on the heads of those nails, driving each of them through the boards. Turned around they should do a nice job of flattening tires, I thought to myself.

That night, and on many nights thereafter, I placed those boards at right angles to the pump in as careful a manner as I could. The driver would have to be awfully alert and in fact downright lucky to see the protruding nails.

I could hardly wait to snare the culprits now that the trap had been sprung.

Dad was in on it too. I did my job after dark. He was to do his when he went out to do the morning milking.

Night after night went by without a trace of the thieves. I placed the boards each night, carefully camouflaging them. And Dad picked them up and hid them early each morning.

And then one morning the nails did their job. Four flat tires!

But we weren't celebrating, and we didn't catch any thieves.

Instead, we had one very surprised hired man. He was flabbergasted when he looked at the four very flat tires on his car. Dad had forgotten to put the boards away that morning, and the place by the pump was Roy's usual parking spot.

I guess I was probably more disappointed than anyone, because I really wanted to score four flat tires with the hoodlums. But Dad vetoed any such plans after the experience with the hired man's car.

So we got ourselves a good German Shepherd.

As it turned out, he was very effective in keeping strangers away from the gasoline pump and we all slept a lot easier at night.

There are numerous ways to cook rice. Some prefer to wash rice free of starch prior to cooking; others rinse it in cold water after boiling. Some boil it in small amounts of water and others in large quantities. Some cooks cover the pot and others who boil the rice rapidly uncovered or steam it to perfection.


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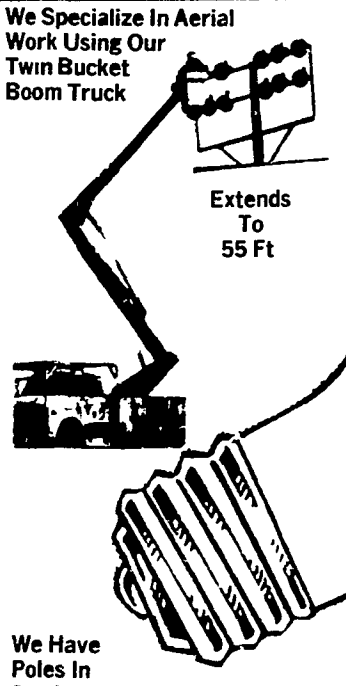


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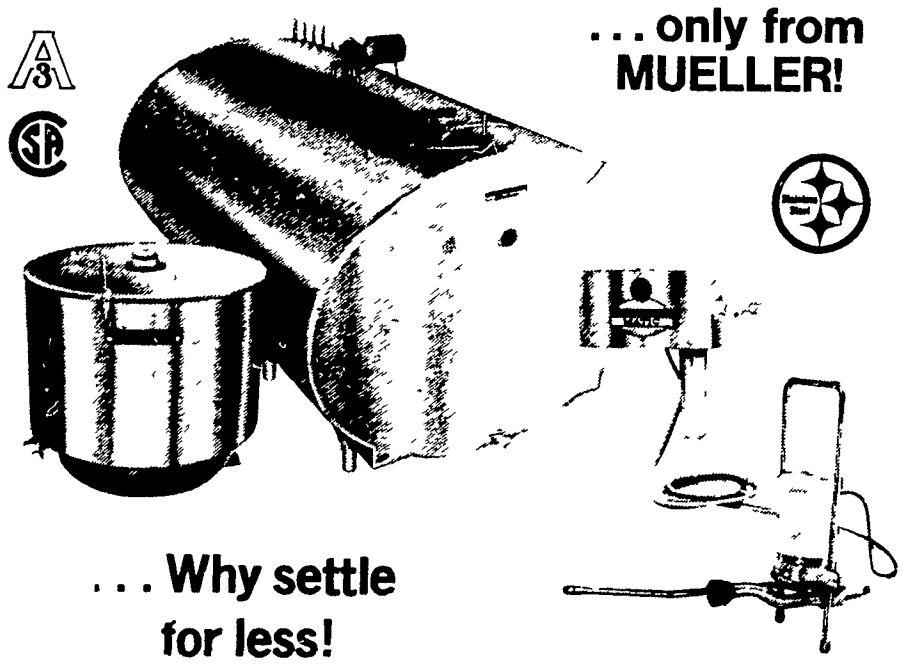

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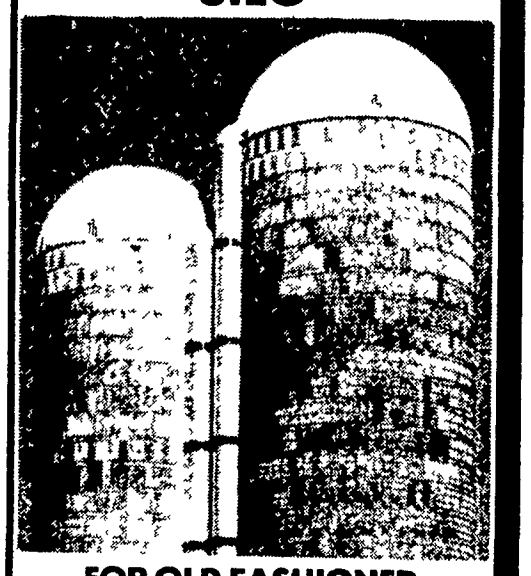

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# Successful microwaving of roasts suggested

CHICAGO, Ill. – Consumers can get satisfactory results when microwave roasting simply by turning down the oven's power setting, recommends Gay Starrak, National Live Stock and Meat Board Consumer Services Dept. director.

In addition to cooking on a lower power wattage to improve roasting results, Starrak suggests consumers also be selective when buying roasts since certain meat cuts are more appropriate for microwave roasting than are others.

Starrak detailed guidelines for increasing satisfaction from microwaved beef, pork and lamb roasts at the recent annual meeting of the Cooking Applicance Section of the International Microwave Power Institute in Atlanta, Ga.

Her work is part of the Meat Board's on-going effort to promote equipment standardization by microwave oven manufacturers and to develop recipes, cooking techniques and other benefits to microwave oven users.

"Lowering the power results in a noteworthy improvement in the quality of microwaved roasts. Roasts cooked at low power -- about 200 watts – are more tender, juicy and uniformly done than are those cooked at higher powers."

Tests conducted at the Meat Board test kitchen showed that turning down the power not only results in a better product, but more of it. In most instances, losses recorded for roasts cooked on high, or 650 watts, were doubled those of similar roasts cooked at about 200 watts. Excess loss results in increased cost-per-serving, Starrak noted.

Though low wattage lengthens cooking time, cooks can minimize the increase – and losses – by starting the roast on high for 5 to 10 minutes before turning down to 30 per cent power.

Cooks really squeezed for time can achieve acceptable roasts in most cases at a medium, or 50 per cent power setting. Somewhat greater losses will result, she added, and center and end of roast temperatures will vary more.

Also important to successful microwave roasting is the selection of appropriate meat cuts. Tender, boneless cuts of compact uniform shape weighing 3 to 4 lbs. are top choices, although some bone-in cuts are satisfactory, Starrak said.

Appropriate beef roasts include top round, tip (cap off), rump, rib eye and rib. Good pork roast choices include boneless top loin (double) smoked ham, canned ham, center loin and center ham slice. When selecting lamb roasts, one should consider boneless leg and loin and bone-in center leg, shank half and rib.


MAMMOTH JACK
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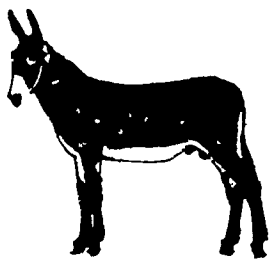

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# Md. to continue to battle the cereal leaf beetle

ANNAPOLIS, Md. -- Biological warfare against the cereal leaf beetle in Maryland will commence June 7 with the Maryland Department of Agriculture, the USDA and the Cooperative Extension Service initiating a combined assault on the pest.

Battle plans call for a USDA plane loaded with cannisters of tiny wasp parasites to hedge hop across the state delivering the "beetle bombs" to ground forces. These troops will then deploy the living weapons to pre-selected fields of oats, wheat, barley and rye in an effort to cut down the grain robbing cereal leaf beetle.

The parasitic wasps actually use the cereal leaf beetle larvae as their food source and thus effectively reduce future beetle populations. The wasps will not affect humans nor animals, and once established, the parasites will greatly reduce the need for pesticides to control the cereal leaf beetle.

Small grain fields will be surveyed by Extension agents in each county to determine whether they contain two or more cereal leaf beetle larvae per square foot. Those fields with sufficient beetle populations will be selected as parasite release sites.

Bill Gimpel of the MDA Plant Protection Section says, "Maryland farmers who feel they have cereal leaf beetle infestations and who wish to participate at no cost in this year's program, may yet have time to get their fields designated as control areas if they get in touch immediately with their county extension agent."

The key word in Gimpel's offer is "immediately". With time drawing near for the parasite release, a survey of the field must be made and a determination given as to whether it qualifies for inclusion in the June 7 program.

Although both adult beetles and the larvae damage grain crops, most of the damage is done by larvae as they feed on the leaves. Any fields heavily infested could have its grain yield reduced by as much as 30 per cent. This degree of damage is not common locally, and the joint effort by MDA, USDA and the County Extension Service is designed to prevent it from becoming a reality.

The cereal leaf beetle came into the US from Europe and was first discovered in Michigan in 1962. It has now spread to most states in the east and south and to many other parts of the country. By 1975, all counties in Maryland had reported some degree of infestation.

Parasitic control methods have proven effective in Europe, and similar optimism is being voiced for local control.

# Woodlot course offered

UNIVERSITY PARK – What do you plan to do with your woodlot? Improve it? Enlarge it? Build a hunting lodge? Plant Christmas trees? Sell logs or lumber?

Extension specialists at The Pennsylvania State University say you may own woodland and idle farm land for profit or recreation but management of the area is needed for proper resource development. To help owners manage woodlands, a correspondence course on Small Woodlot Forestry has been written. Lessons give directions on how to control tree species by planting seedlings, encourage growth of tall straight trunks by proper spacing and removal of wood trees. Wildlife can also be protected by growing food and cover plants.

To enroll in the course, write Forestry, Box 5000, University Park, Pa. 16802. Make check for $4.50 plus 25 cents postage payable to Penn State. The correspondence course program offers the option of returning question papers to Penn State for correction and credit toward a certificate of accomplishment or using the course as a reference.


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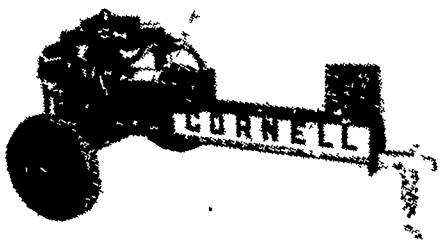


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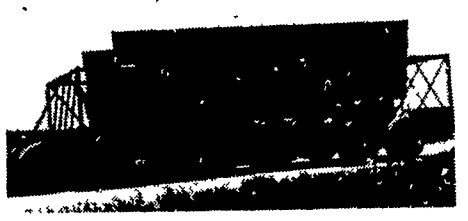

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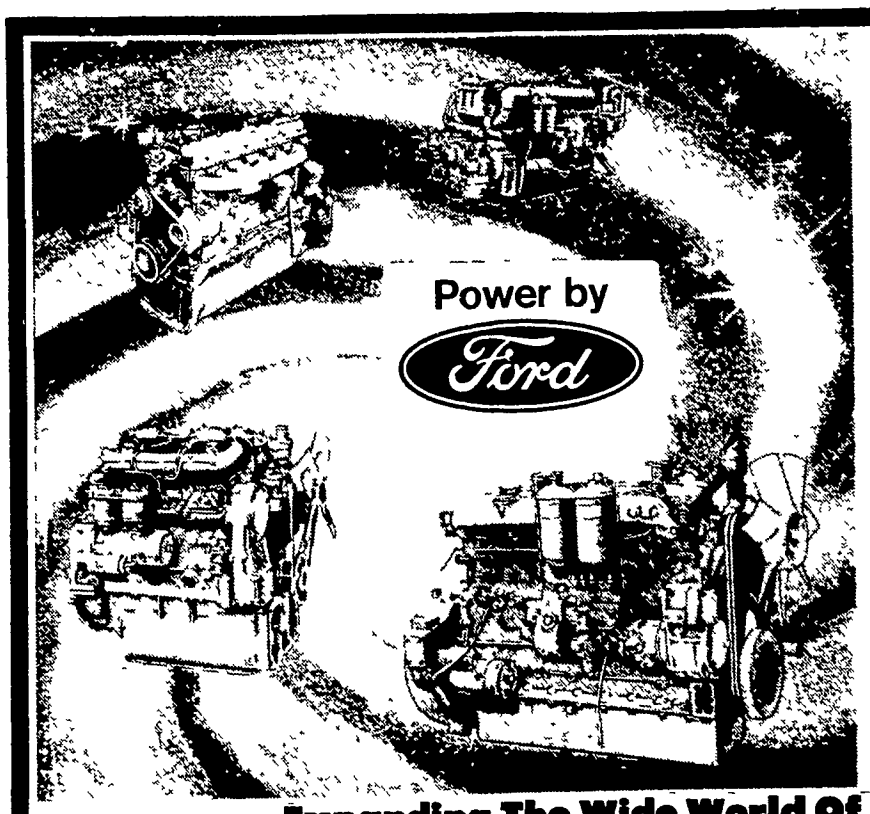


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# High-level wheat export conference concluded

WASHINGTON, D.C. – The following joint statement was issued May 10 in Saskatoon, Sask., at the conclusion of a ministerial meeting of wheat exporting countries:

Participating in the meeting were the Secretary of Agriculture for the United States, Bob Bergland, the Secretary of Agriculture for Argentina, Sr. Jorge Zorreguieta, the Honourable Otton Lang, Minister Responsible for the Canadian Wheat Board and a representative of Mr. Douglas Anthony, Minister of Trade and Resources from Australia.

Specifically, Ministers reviewed:

-the current and longer-term market outlook;

-the outcome of recent international wheat negotiations;

-the need for adequate world food security, and

-potential areas for continuing exporter cooperation.

Ministers noted the recent improvement of wheat prices and the basic underlying market trend toward greater world consumption of both food and feed grains.

Ministers agreed that in present market circumstances, there was no need to vary their national marketing policies. They considered that countries should closely monitor developments in the market to ensure that national production and marketing policies do not lead to a deterioration of prices.

Problems of higher costs of producing, transporting and handling grain and physical constraints in the system should be examined. Ministers stressed that in order to encourage a growing supply of wheat to meet expanding world demands, it is essential that producers receive an adequate return from the market.

Ministers noted that world wheat production has been generally favorable in recent years but stocks are not excessive in relation to world needs. In view of the increasing importance of wheat trade in meeting world wheat consumption, Ministers believed that importing countries should be encouraged to build food security stocks in the current situation of ample supply. Ministers agreed that exporting countries should manage their respective production and stock policies to ensure that adequate supplies are available in the future.

In reviewing the outcome of the United Nations conference to negotiate a new International Wheat Agreement, Ministers regretted that a consensus could not be achieved They were of the view that there was no evidence that remaining differences on the basic elements of acceptable price levels and adequate grain reserves could be resolved in the immediate future. However, ministers reaffirmed support for continuing multilateral cooperation on wheat trade and food aid within the framework of the International Wheat Agreement of 1971.

Ministers were confident that a better understanding of each other's system would be useful in identifying areas for future cooperation and coordination. They agreed that there were several issues on which more intense review could be useful. Among these were the effect of national support programs on the price of wheat; the impact of rising production costs; the comparability of returns to farmers in various producing regions; and the potential world market for wheat.

Ministers were strongly of the view that there is an important relationship between security of world food supply to consumers and assurance of an adequate return to producers They therefore decided that:

-senior policy and marketing officials from major exporting countries should meet at least twice a year to ensure greater coordination of decisions relating to the production and marketing of wheat;

-consideration will be given to initiating specific studies of questions of mutual interest in order to build communications at all levels between marketing and operating officials as well as producers of the exporting countries;

-special attention in this respect would be given to safeguarding adequate producer returns within national systems in order to encourage sufficient wheat supplies;

-steps necessary to ensure supplies for world food aid and for emergencies should be introduced or continued;

-discussions will be continued with other wheat trading countries under the auspices of the IWC on the possibilities for successfully concluding a new international wheat agreement.

Ministers were confident that, as a result of their discussions, a sound basis had been established for future cooperation and agreed that they would be available to meet, as necessary, to further the interests of wheat production, trade and food security.

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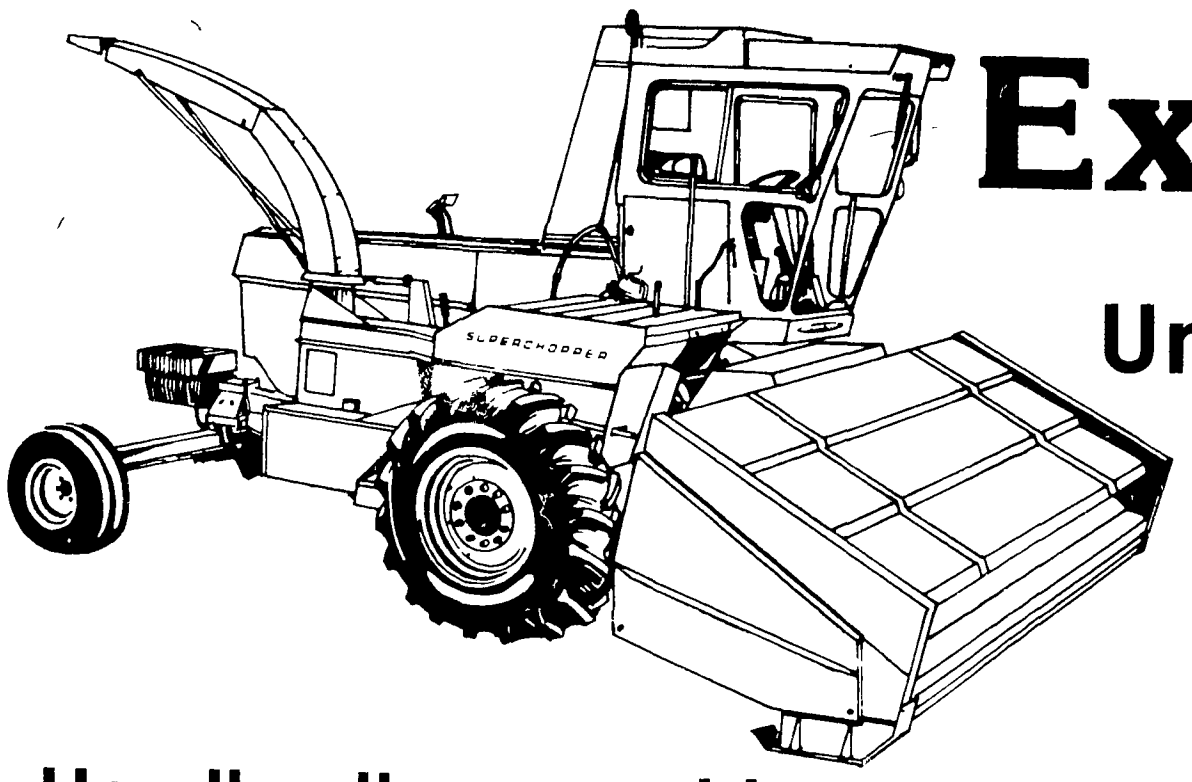


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# Rising feed grain prices predicted

WASHINGTON, D.C. — The United States Department of Agriculture predicts some rising prices for feed grains. The supply and demand situation is tightening, the Department says. Several important indicators point to rising feed grain prices over the next few months, accoring to USDA. Although the weather will play its usual price-making role this Summer, the following factors suggest some price strength:

Feed grain acreage, based on intentions, will be reduced slightly from last year's level–mostly due to higher acreage for soybeans, sunflowers, and wheat.

Last year's extremely favorable growing season weather, both at home and abroad, is not likely to be repeated, so 1979 feed grain yields will probably fall short to 1978's record level.

Domestic demand is rising because of the higher margins of feeding operations over the past two years.

Exports should exceed this years's record volume.

Current market prices show the effects of the tightening supply situation. Bids for harvest delivery of 1979-crop corn in the Midwest have been running about 10 cents above bids for spot delivery of old-crop.

And futures prices indicate that, in most areas, bids for January 1980 corn should be an additional 15 to 20 cents over the bids for delivery at harvest.

Will this price strength continue through Summer? That will depend on how well U.S. and foreign feed grain crops turn out. If the weather is as favorable as it was last year, you'll see weakness in new-crop prices, just as in 1978 when a record-large feed grain crop was harvested despite a late planting season. Prices could fall to near this season's level if the weather were to be near ideal again.

On the other hand, generally unfavorable growing conditions would very likely lead to stronger prices than those currently offered.

Despite the cyclical downturn in cattle numbers, farmers have sharply stepped up feed use of corn and other feed grains. For the most part, this large demand is the result of much higher livestock and poultry prices along with pretty stable feed prices.

With higher livestock prices, increased feeding margins, and, thus, more animals on feed, more feed grains are required to meet prospective needs. Feed use this season will likely rise about 10 per cent from last year, primarily reflecting more hogs and broilers being fed.

This increased demand has been a key factor in supporting corn prices, and the trend toward higher feed use likely will continue. In the year ahead, livestock prices and, thus, feeding profitabilities, likely will be supported by continued growth consumer income.

Although farmers are gearing up for expanded pork output, livestock and poultry prices are expected to hold at levels that will give producers favorable returns. And this will support further increases in feed demand.

Only an unusually unfavorable growing season here and abroad would push grain prices up enough to cut feed us significantly. It would be possible for corn prices to rise towards the $3.00-per-bushel level before feeding margins would be pinched enough to really choke off feeding.

In spite of a record-large world feed grain crop in 1978, our corn shipments abroad likely will match or exceed the record level of a year ago. Export demand is continuing to grow – mostly due to increasing incomes and better diets in countries importing U.S. grains.

China's entry into the world feed grain market has also helped expand the export market for U.S. corn this season.

This export growth, is expected to continue. In fact, there is a fairly good chance that corn exports in the upcoming marketing year could exceed two billion bushels for the first time in history.

Farmer-owned and Commodity Credit Corporation (CCC) stocks of reserve feed grains have stabilized at around 25 million metric tons

The largest part of the reserve is the 18.8 million tons (736 million bushels) in the farmer-owned corn reserve. In addition, another 2.3 million tons (91 million bushels) are in the CCC inventory. These reserves represent a little over 50 per cent of the projected stocks of corn on September 30, the end of the current marketing year.

Since early prospects are for a tighter feed grain situation in coming months, USDA has announced that no more 1978-crop corn and sorghum will be accepted into the farmer-owned reserve. As a result, the reserves should remain near their current level unless prices advance to the release point, 125 per cent of the national loan rate.


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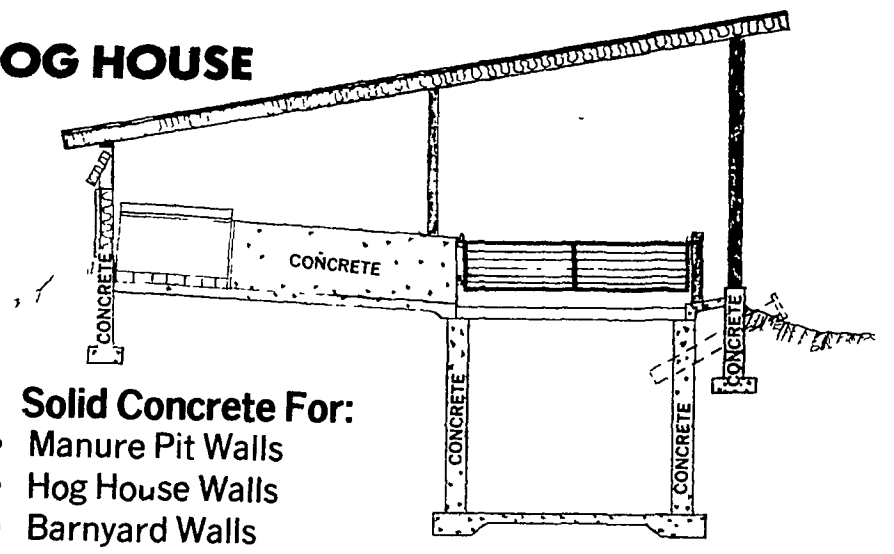

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# Groundwork for major new farm legislation announced

COVINGTON, Ga., -- Senator Herman E. Talmadge (D-Ga.), citing rising fears that "the family farmers may be marked for extinction," announced Saturday that he has directed a "top-to-bottom" review of existing farm policies and programs to lay the groundwork for major new farm legislation.

Talmadge said that he has directed the staff of the Senate Committee on Agriculture, Nutrition, and Forestry to pull together "the views of the best brains in the country and the most knowledgeable people in all aspects of agriculture on what is needed to assure the survival of the family system in America."

"We want to determine how existing programs and policies affect and influence the structure of American agriculture," Talmadge said.

Talmadge, who has served as chairman of the Senate Agriculture Committee since 1971, spoke at a "Salute to Agriculture" day observance organized by seven civic, business, and farm organizations in Newton County.

Talmadge, noting a recent call by Agriculture Secretary Bod Bergland for a "national dialogue" on the future of American agriculture, said his Committee sudy will lay the groundwork for new farm legislation that Congress will begin considering next year to replace the Food and Agricultural Act of 1977, which expires in 1981.

Talmadge predicted the new farm bill will "entail the most significant decisions of national farm policy to be made since the landmark farm legislation of the 1930's."

"The future of American agriculture is a matter of growing concern to many people," Talmadge said. "Farms are becoming fewer and larger. There are rising fears that the traditional family farm in America may be marked for extinction and that we may be headed toward a system of agriculture based on giant, corporate-type farms."

Talmadge noted that the number of farms in this country had declined from six milllion in 1935 to under three million today. During the same period, farms in Georgia declined from 250,000 to under 70,000.

"We must not allow the family farm to disappear," Talmadge said. "If we lose the family farm, we will have lost a very vital part of America itself. The United States would never be the same, Georgia would never be the same, the Newton County would never be the same. We would all lose."

In looking toward the development of new farm legislation, Talmadge pledged to see that the "family farm system in this country is maintained."

"I want to see to it that a young man or woman who chooses to do so can have the opportunity to make a good living farming," he said. Talmadge said that "policy makers and bureaucrats in Washington must be constantly reminded of the vital importance of Agriculture to the American economy and to the fabric of American life."

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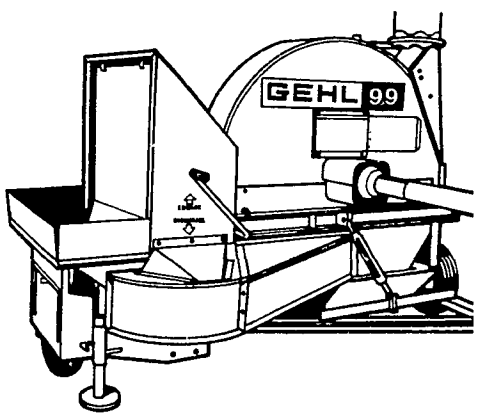


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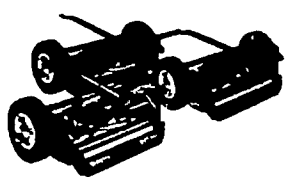

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# State FWS Spring Rally draws over 1300 members

## *Evelyn Sempier speaks on 'The Wonders of Woman'*

By JOYCE BUPP
Staff Correspondent

ELIZABETHTOWN – The spacious gymnasium of Elizabethtown College, decorated in a theme of flowers and strawberries, was filled to capacity last Wednesday as Lancaster County hosted the annual Spring Rally of the Pennsylvania Society of Farm Women.

With a mood to match the bright and sunny skies outside, over 1300 women from across the state converged on the campus for the day of fellowship and entertainment.

Key speaker for the annual event was Evelyn Aye Sempier, a former Ephrata resident named Miss America in 1954. Today, Mrs. Sempier remains involved with the national Miss America pageant planning and serves as a fashion show consultant between speaking engagements. She resides with her family in the Reading area.

Evelyn Aye Sempier

In her speech, "The Wonder of Woman," Mrs. Sempier noted that from the very beginning of creation, "woman was a miracle."

"Man may have been created first, but God knew he could go one better," she added.

Calling herself a middle-liner on the woman's liberation movement, she suggested that perhaps what women need most "can be found right within their families."

Society itself, she says, has laid out the basic plans of life for a man and for a woman. Men's success is judged almost solely on the visible accomplishments of a job. Because of that focus on a single career, men are more goal oriented and can more easily see what they have accomplished along the way.

But women serve in "a life-time of part time" and the demands on them change as they marry, bear children, watch them leave home and perhaps take on new careers as students or

(Turn to Page 115)


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# Sheep field day offers demonstrations, ram sale

WASHINGTON — A treat is in store for Pennsylvania sheep producers June 2nd at Pennsylvania's annual Sheep Field Day. The event will be held at the Washington County Fair Grounds, Washington, starting at 10 a.m. and ending with Pennsylvania's Third Annual Performance Tested Ram Sale in the afternoon.

Starting at 10 a.m., a shearing demonstration will be presented by Ben Morgan, former sheep Extension specialist at the Pennsylvania State University, and Baum Browniee, state junior shearing champion. Also, at 10 a.m., Richard Kuzemchak, shepherd at PSU, and Dr. Lester Griel, veterinarian at PSU, will present a lamb saving demonstration. A pregnancy checking demonstration will be given by representatives from Scanoprobe, Co.

"Renewed Glamour in Sheep" will be presented by Dr. Clair Engle, Extension Livestock Specialist, at 10:30 a.m.

A lamb cutting demonstration will be given by Professor Glenn R. Kean at 11 a.m. At the same time, a lamb blocking demonstration for youth will be held.

A lamb, barbecued on the spit, will be available at lunch time.

A ladies lead contest will start at 12:30 p.m. Girls wishing to participate can enter the contest Saturday morning. At the same time, a representative from the University of Pennsylvania Veterinary School will give an up-date on the veterinarian survey which was recently conducted.

Why should you purchase a performance tested ram? Charlie Boyle, director of the Eastern Ohio Resource Development Center, will be on hand to explain the values of purchasing a tested ram. His talk will begin at 1:30 p.m.

At 2 p.m., Pennsylvania's performance tested ram sale will begin with approximately 34 rams going across the block. Individual performance records will be available for each ram. All rams will be ultrasonically scanned in fat thickness and loin eye area. These records will also be available to prospective buyers for comparison.

Corriedale, Dorset, Hampshire, Oxford, Shropshire, Southdown and Suffolk rams will be offered.

Catalogs are available upon request from Bob Kimble, Pa. Dept. of Agriculture, Meat Evaluation Center, University Park, Pa. 16802 (814-238-2527).

Commercial exhibits can be seen throughout the day. A New Zealand fencing demonstration will be given by John Wall and a sheep to shawl demonstration will also be presented.

# Committee votes to boost farm prices

WASHINGTON, D.C. — The U.S. House Agriculture Committee has approved a bill co-sponsored by U.S. Congressman Tom Harkin which would boost target prices for corn and other feed grains and wheat by seven per cent for the 1979 crop year.

The bill would raise the target price for corn for $2.20 per bushel to $2.35 per bushel and the target price for wheat from $3.40 per bushel to $3.63 per bushel.

Harkin noted the seven per cent increase is within the President's inflation control guidelines. "Unlike the Teamsters and some other big labor unions, the American farmer is concerned about inflation and is willing to do his part to help control it," Harkin said. "Hopefully, others will follow this example, and keep their increases within the President's guidelines," Harkin said.

The bill must now be approved by the full House of Representatives and the U.S. Senate and signed by the President before it takes effect.

# FWS Rally

(Continued from Page 114)

employees. Because they handle all these jobs, and often juggle several of them simultaneously, there is no one measurement of success in this multi-dimensional life.

"Block by block, women build the foundations on which each generation is laid. And then, woman returns to learning, working, studying, creating," says Mrs. Sempier.

"We put ourselves behind and our children in front. We teach the world to speak, uncover a latent talent in a child, teach right and wrong. We're psychologists, and teach prayer and love as theologians, too."

Musical entertainment for the day was presented by talented trumpeter John Hess, accompanied by his pianist wife Gloria. Both are music teachers, and John is the son of the Society's current state President, Lancaster's Helen Hess.

Helen Witmer, of Society 22, chaired the program committee and performed a monologue," Minnie at the Roller Rink," complete with appropriate comic costume.

Others who part in the Rally included Ann Diller, Lancaster County president, Opal Ruhl, the first vice-president, and Miriam Kauffman of Society 27. Martha Garber, of Society 27, chaired the decorating committee.

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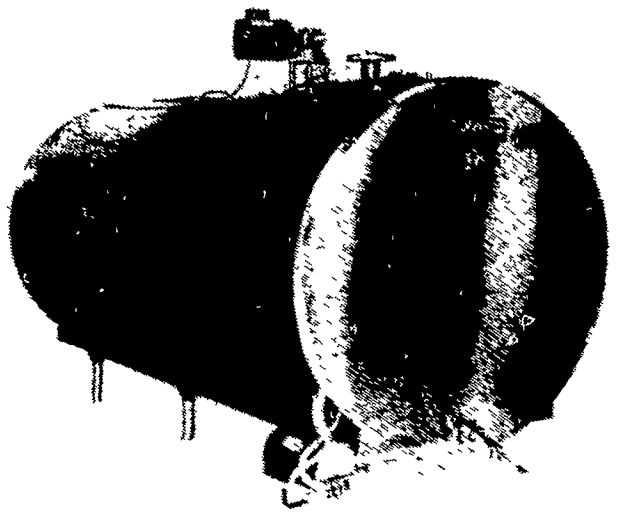

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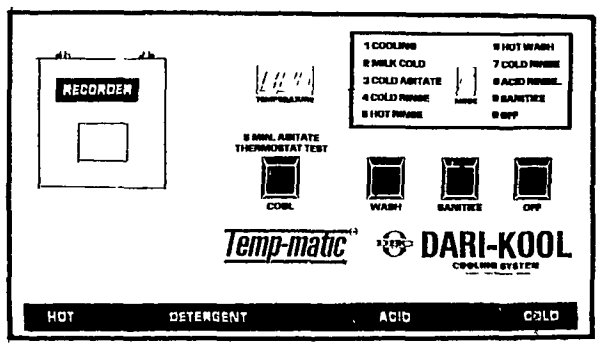


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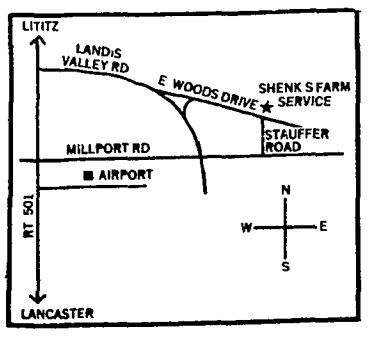


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# Pork promotional programs increased

DES MOINES, Ia. – Increased pork supply and new opportunities for expanded pork sales have prompted the National Pork Producers Council to step up its promotional efforts for the remainder of the year.

NPPC President, Bill Buller, Brookings, S.D., said increased funding is being directed into a more aggressive promotional program to increase the consumers' awareness of pork as a readily available alternative for her menu as beef prices continue upward.

NPPC Promotions Advisory Committee Chrm., Keith Bjerke, N.D., emphasized that the new programs will be over and above those campaigns already being undertaken by the Council with a present $1.7 million budget. "These promotion efforts," Bjerke said, "have included print media, radio and television advertising, the massive Target and Image Cities programs and highly successful 'Summer Pork Cookout' and 'Porkfest' promotional activities.

"Our total promotion-consumer relations effort will now total $2.3 million or approximately 72 per cent of the over-all Council budget for the year, " Bjerke continued. "The increased expenditure," Bjerke said, "came after executive board action May 15, budgeting an additional $300 thousand for promotional funding for the remainder of the year."

"Producers realize that the opportunity is at hand to help themselves ease their way through increased hog numbers if they actively promote today's quality pork," explains Orville K. Sweet, NPPC executive vice president. "Increased participation in the voluntary market hog and feeder pig check off programs during the first four months of the year and a rapidly growing membership – now at 92,500 pork producers – further emphasize the producer's determination to help his industry and to move his pork products.

"We sincerely believe," Sweet concluded, "that the pork producer, most innovative of all producers in his production practices, can utilize the same innovative spirit in marketing to achieve our goal of overcoming what could be a dangerous 'numbers problem' for the remainder of this year and into 1980."

**Monkey Wrench?**

The monkey wrench is named after its inventor, Charles Moncke, a London blacksmith.

University of Maryland Extension specialist and Professor of Floriculture Dr. Conrad Link, (far right), points out the results of a research program with poinsettias. Dr. Tan Pei-Song, head of the scientific delegation from the Peoples Republic of China (center) and his colleagues are attentive.

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2. An undersized tank can DOUBLE your detergent bill.
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### FACT #3

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### FACT #4

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1. Hot weather is when undersized bulk tanks are most expensive and most likely to need servicing.
2. Hot weather is when a PRECOOLER saves you most in cooling costs.
3. Hot weather is when your fat test drops most from excessive agitation.
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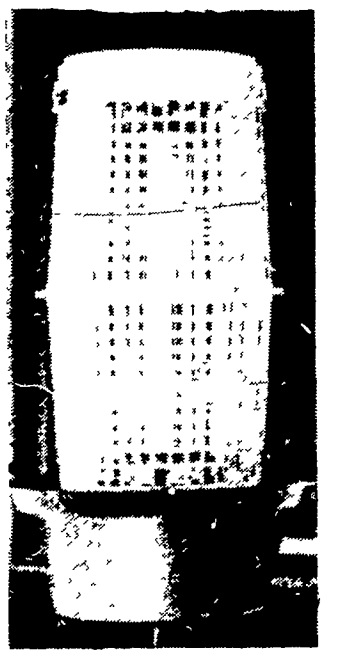

**BUG LIGHT**

The Fi-Shock 5000 Electronic Bug Killer attracts flying insects to a grid that kills them on contact. It destroys flies, moths, hornets, mosquitoes and other flying insects with a half-acre or more without using harmful or offensive chemicals. The bug killer can be used indoors or out, and is especially suited for patios, pool areas, or barn-sand stables. The Fi-Shock 5000 plugs into any standard 110 volt outlet. The hood comes in red, yellow, green or black and is made of rugged Cycolac brand ABS engineering thermoplastic supplied by Borg-Warner Chemicals. For more information on the Fi-Shock contact Bob Birdsall, P. O. Box 9188, Knoxville, Tenn., 37920.

## Pa. milk production up

HARRISBURG – Milk production in Pennsylvania during April 1979 totaled 676 million pounds, up one per cent from a year earlier according to the Pennsylvania Crop Reporting Service.

The number of milk cows in the commonwealth during April was 690,000 head, down 9000 from a year earlier. Milk production per cow averaged 980 pounds in April, up two per cent from a year ago.

United States milk production during April 1979 totaled 10.6 billion pounds, down slightly from a year earlier. Production per cow averaged 978 pounds in April, up seven pounds from a year ago. Milk cows on farms totaled 10.7 million head, down one per cent from April 1978

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# 12 to 15 tons of soil per acre lost each year

LEBANON — Annual losses of 12 to 15 tons of soil per acre are occurring on some farms in Lebanon County says Clair Gerberich, executive assistant, Lebanon Conservation District. This excessive loss of our valuable top soil "the film of life" takes place on farms that do not follow good soil conserving measures. According to college research this loss amounts to one inch of top soil being lost every 12 years. With only 8 to 10 inches or even less top soil available on which to grow crops, he asks how long can this amount of loss be continued?

Expensive plant food nutrients and pesticides are also lost with the eroded top soil. Every ton of soil lost today, says the Executive Assistant, means that future food will come from land that is slightly less productive.

With increasing costs of fertilizers, fuels and other production inputs, an alternative to the present situation needs to be considered. Certainly no one wants to continue to accept lower and lower yields, year after year, and the lowered quality of life that accompanies soil erosion.

There actually is only one way to stop erosion and maintain the land in a permanently productive condition. That one way is to install conservation measures on the land according to its needs and capabilities. Conservation measures such as chisel plowing, no-till planting and minimum tillage methods will conserve the top soil, reduce operating costs and conserve fuel. Sod waterways, and diversion terraces will help to slow down the flow of water on some of the longer slopes. When the speed of flowing water is reduced, its erosive cutting and gullying action is also reduced considerably.

These and other conservation measures that are available will most certainly increase, or at least maintain the productive potential, the fertility, and crop yields for your farmland. Soil, water, fertilizer, lime, and other crop chemicals will be kept in place where they can achieve their desired results, increase crop production and income. Soil is the basic raw material for farm food producing factory. One can take the necessary steps now to manage it properly and safeguard this limited life giving resource for a healthy environment, better quality of living, and a valuable, and productive farm for the future.

The Lebanon Conservation District will assist farmers to plan this soil and water conservation program. One can call them at 717-272-3377 and arrange a convenient time for a conservationist to visit with him and assist him to plan a conservation program for the farm.

# *Seven Lancaster County students named to Co-op Summer Institute*

LANCASTER — Seven boys and girls have been named winners in the Cooperative Business Education Program sponsored by the Lancaster Co-op Council and will represent this area at the Pennsylvania Association of Farmer Cooperatives Summer Institute at Shippensburg State College, July 8-11. Those chosen to attend the Institute are: Joe Good, Terre Hill; Christine Bucher, Quarryville R1; Judy Zimmerman, Stevens R1; Ronald Good, Stevens R1; Clyde Peters, Manheim R6 and Wayne Hess, Conestoga R1, first year scholars; and Jeffrey DeLong, Peach Bottom R2, Agri-business Explorer who will return to the Institute for the second year.

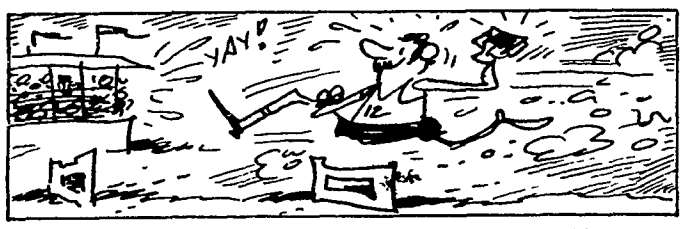
Winners were selected on the basis of their knowledge of the business enterprise system in America, the cooperative way of doing business, and on activities of the participants identifying them with school, community, church, and youth organizations.

These young leaders will be accompanied to Shippensburg by Jay W. Irwin, county agent and August Birchler, teacher of agriculture, Penn Manor High School, who will act as chaperone and resource leaders for the delegation.

The Institute program is designed to teach youth more about the business enterprise system in the United States, to help in planning their future by pointing out career possibilities in agri-business, and provide opportunities for individual leadership development.

Approximately 200 young adults, representing the best of over 4,000 participants in the annual P.A.F.C. youth education program, will attend the four-day event.

The Institute is a joint effort of the Pennsylvania Association of Farmer Cooperatives, local Co-op Councils, and the College of Agriculture of The Pennsylvania State University.




At the 1908 Olympics, Forrest Smithson ran the 110 meter hurdles while carrying a bible in his left hand and won.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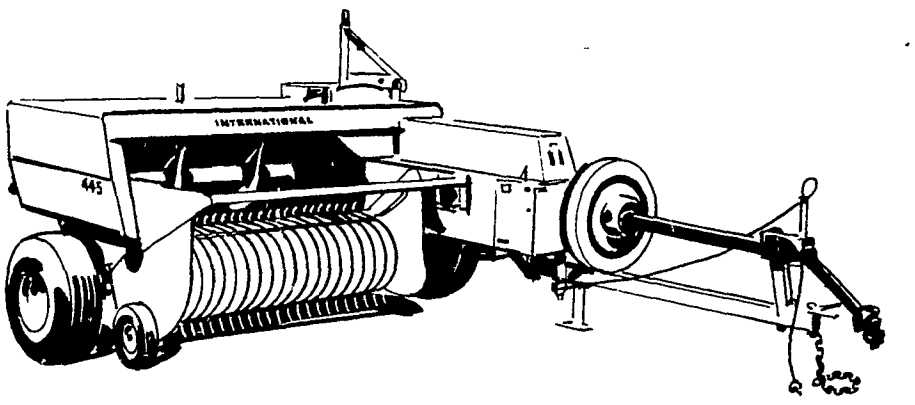


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# Foreign farm work available to FFA'ers

ALEXANDRIA – Members of the Future Farmers of America (FFA) have the opportunity to take part in exciting aspect of global agriculture through the FFA's Work Experience Abroad (WEA) Program.

WEA is a working and learning experience open to all FFA members. Through it, members can get a better understanding of global agriculture and a greater perspective of the scope of agriculture employment in the world. In WEA, students work and live on farms and agribusinesses throughout 25 countries in Europe, Latin America, the South Pacific, and Asia.

"It's more of a toal immersion into a given culture, rather than a simple visit to a country," said Lennie Gamage, the FFA's specilaist for international pregrams. "We feel that the real benefit in a program of this type is realized when the individual becomes a genuine working part of a foreign family for a time–learning the language, eating what they eat, and working right alongside them." Gamage is quite enthusiastic about the program and would like to have more members take advantage of it.

Nicholas Kristof of Gaston, Oregon, spent the summer of 1978 picking fruit on a small farm in France. When just two weeks into his program, Kristof figured out that in the course of his work picking cherries he has walked enough to get from there to Oregon and back almost three times. He says he found the experience "very broadening", indicating that he got more out of WEA than just work experience. Kristof learned about the French way of life, French farming techniques, and the hardships of life in a small, poor community.

"The people don't use much machinery since the farms are small, and most of the work is done by family members," Kristof says. "I didn't really expect it to be as hard as it was." He added that despite this, he ended up regretting to leave his host family and France.

WEA's main objective – work experience that stays with a person and enhances their future career and job opportunities – seems to be quite validly founded.

"The most important aspect of my program was the career potential that I gained through it," said Warren Clark, a participant in 1974. Clark workd in Denmark at a national feed and seed cooperative and says the experience "opened his eyes" to other cultures.

"A springboard for a career in international agriculture" is how Clark describes a big plus of his program.

Each year, more than 200 FFA members and young people from other countries participate in WEA. Through this program, participants are provided with work experience, room and board, and a monthly stipend which averages about $100 per month, depending on the work and country. Program are available for three, six and twelve months – any many times participants work in several countries through an "Around the World" option.

Cece Gaddy was on the Around the World program in 1976, when she worked in Switzerland at a flower shop, and in New Zealand on a sheep farm. Gaddy explained that Around the World participants spend five months in Western Europe, and then five months in the South Pacific or Latin America, with travel time in between. Gaddy is still invloved in WEA–she now helps coordinate programs for people interested in global agricultural experience through WEA.

WEA programs begin in June and September every year. If you would like more information on WEA and programs that are available, write the International Department, National FFA Center, P. O. Box 15160, Alexandrua, Va. 22309.

Oh, by the way–rogen and rapo are sugar beets to the West Germans, and when you muster and draft, you're roundin' 'em up and sortin' 'em out in Australia.


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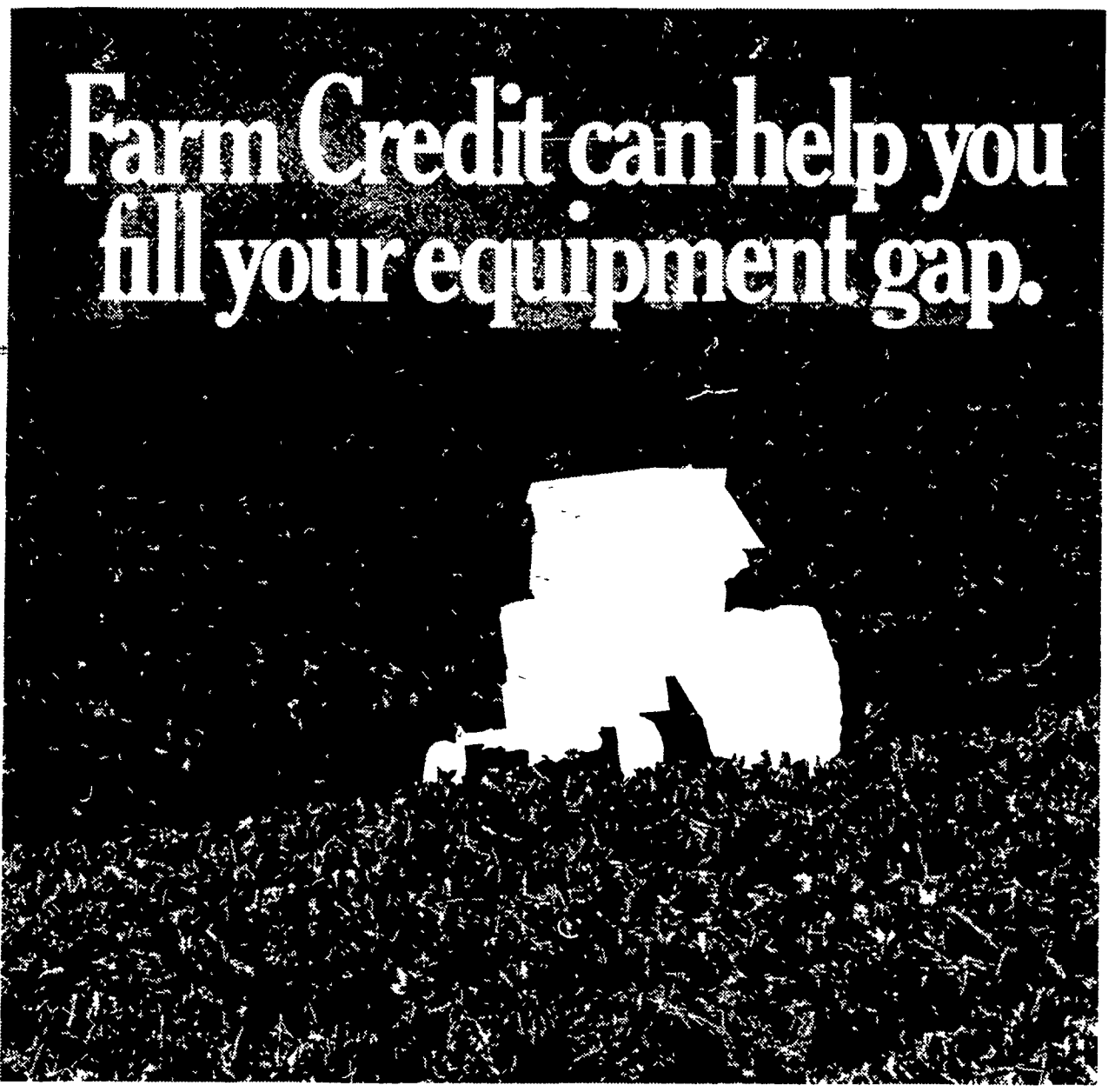
# No-till farming well-liked by farmers

LANCASTER – A leading conservationist recently stated that no-till farming is one of the best liked soil and water conservation practices since government agencies began assisting farmers. According to Graham T. Munkittrick, state conservationist for the USDA, Soil Conservation Service, Harrisburg, "No-till farming is an effective erosion control practice; however, it does not provide equal benefits in surface water management." He cautioned that no-till farm is "not the whole answer" to the soil and water conservation problem.

No-till or minimum tillage is the farming practice of planting a new crop in old grass sod or other crop residues. The plant material on the surface provides effective cover and absorbs the impact of a falling rain. This results in a significant reduction in soil erosion.

However, reports Munkittrick, "Any soil can only absorb rainfall at a rate determined by the type of soil. A hard Summer shower exceeds the rate of absorption for most soils, resulting in runoff. During a part of the year, the soil is frozen and all rainfall runs off. This is why surface water management is needed to completely meet the soil and water conservation needs." Many Pennsylvania farmers are using diversion, terraces, tile outlet terraces, grassed waterways, ponds, and contour farming as ways to effectively control runoff.

It takes about 700 years to form an inch of soil, and, in too many areas, it is being lost at a much higher rate. A total job is needed to save our land for future generations," concluded Munkittrick. Persons interested in properly managing the natural resources on their farms should contact their local Soil Conservation Service office or county conservation district office for further information.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LET'S TALK . . . YOUR PLACE OR OURS.
You'll always get prompt attention at your Farm Credit office. And if you're too busy to make the trip in, give us a call. We'll come to you. Most of us were brought up on farms, and we know how tough it is to break loose sometimes. It all comes down to this. Whether you need money for equipment or any other farm-related need, chances are, Farm Credit can help. Drop by or give us a call. You'll find that we're your kind of people.

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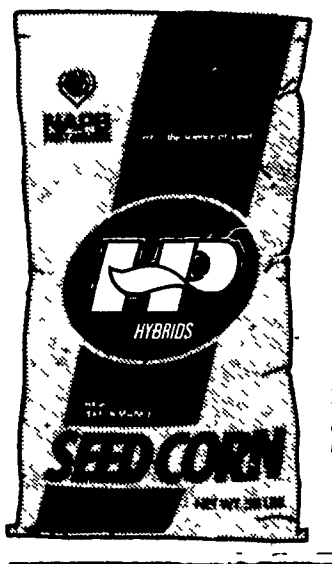
CORN

HIGH PERFORMANCE HYBRIDS FROM NORTH AMERICAN PLANT BREEDERS




HP 62
Erect-leaf single cross to plant on your best ground.
Erect leaf characteristic
Strong stalks. Hefty roots.
Watch it yield in the fall!
A fairly tall hybrid with erect, somewhat narrow leaves. Produces medium ears and lots of them.
Relative maturity 117-118 days.

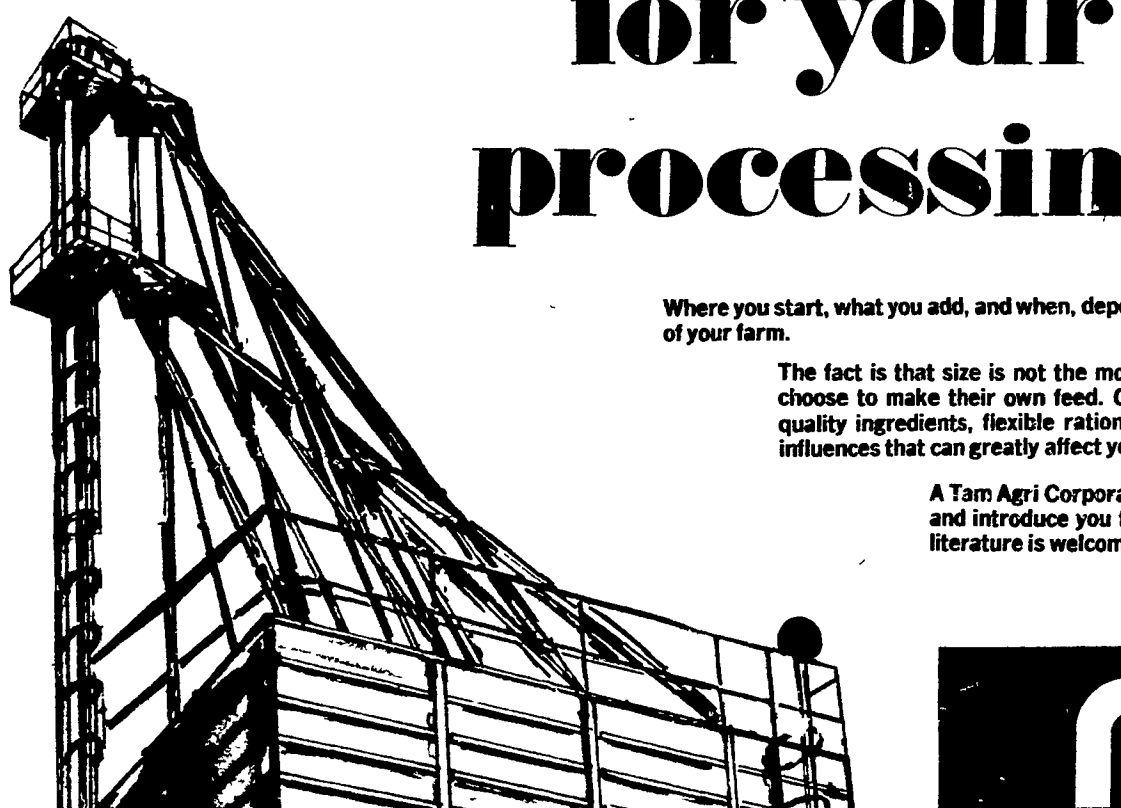
P. L. ROHRER & BRO., INC.
SMOKETOWN, PA — PH: 717-299-2571

# How BIG is big enough for your own feed processing system

Where you start, what you add, and when, depends on your plans for the future of your farm.

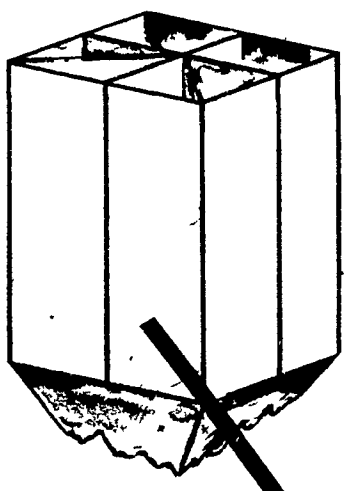
The fact is that size is not the most important consideration when agribusinessmen choose to make their own feed. Other benefits such as fresher feed, more uniform quality ingredients, flexible ration changes, and financial independence are greater influences that can greatly affect your operation's profitability.

A Tam Agri Corporation representative can explain the Mix Mill Plan for staged growth and introduce you to the advantages of system leasing. Your request for informative literature is welcomed.



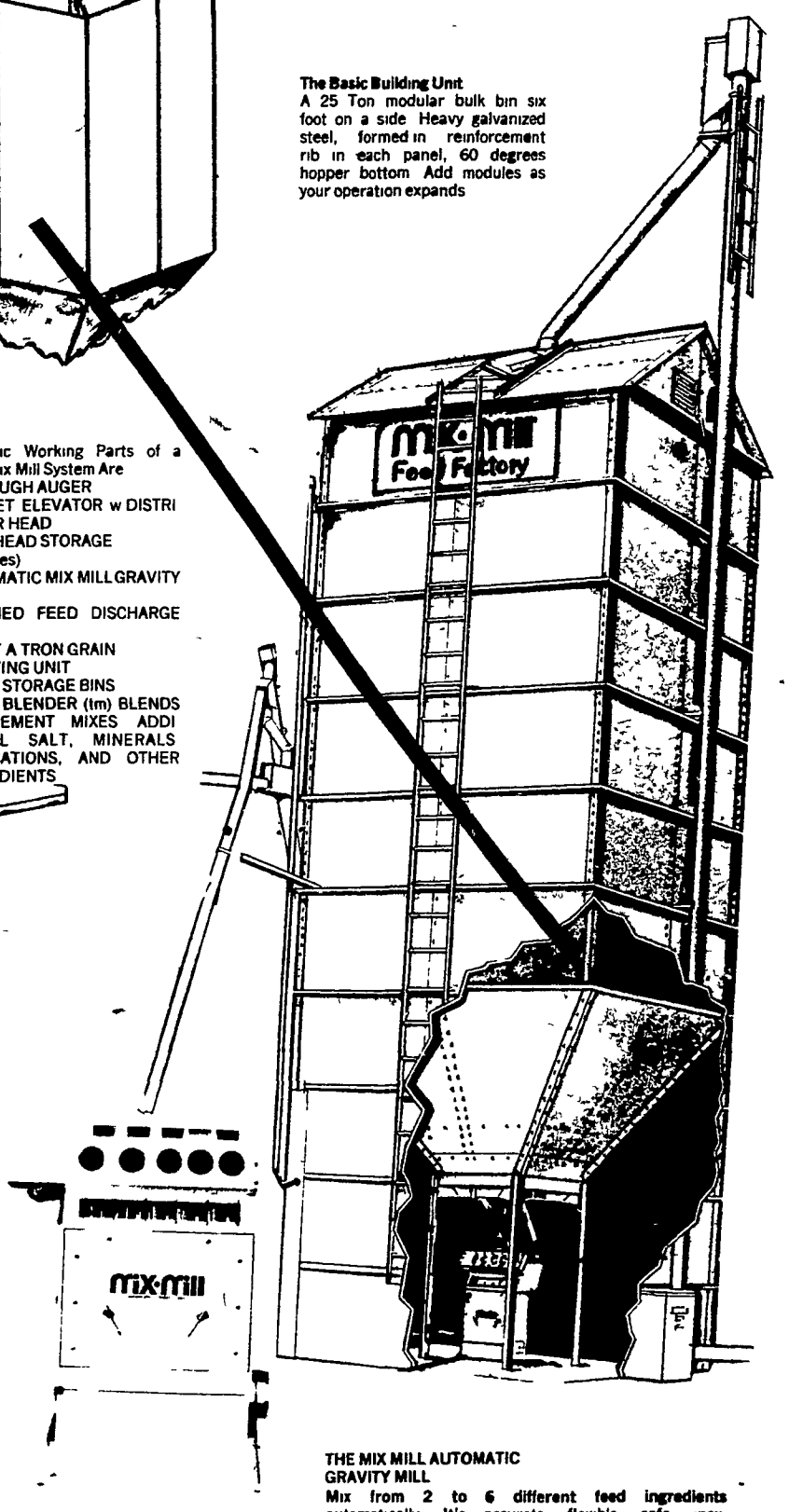
mix-mill™

**START BASIC, ADD AND AUTOMATE AS EARNINGS MOVE UP!**



**The Basic Building Unit**
A 25 Ton modular bulk bin six foot on a side Heavy galvanized steel, formed in reinforcement rib in each panel, 60 degrees hopper bottom Add modules as your operation expands

The Basic Working Parts of a Typical Mix Mill System Are
1 U TROUGH AUGER
2 BUCKET ELEVATOR w DISTRI BUTOR HEAD
3 OVERHEAD STORAGE (modules)
4 AUTOMATIC MIX MILL GRAVITY MILL
5 FINISHED FEED DISCHARGE auger
6 ROAST A TRON GRAIN ROASTING UNIT
7 GRAIN STORAGE BINS
8 NUTRI BLENDER (tm) BLENDS SUPPLEMENT MIXES ADDI TIONAL SALT, MINERALS MEDICATIONS, AND OTHER INGREDIENTS




Build your feed processing system to your specific requirements: Start small — become as sophisticated as you require. Basically, Mix-Mill systems are TOTAL feed handling and processing systems that involve everything from receiving grain and other ingredients as they come from the truck or field to deliver feed to the livestock or birds. Mix Mill increases the efficiency of your rations while decreasing the cost of producing them and gives you more time n management ... less in labor.

It is a fact that you can start an automatic feed processing system for no more than you would invest in a PTO grinder mixer. And . . . consider leasing. Minimum cash outlay keeps working capital available.

TAM AGRI-CORP

R.D. 1 Mountain Road, Dillsburg, Pa.
717-432-9738

**THE MIX MILL AUTOMATIC GRAVITY MILL**
Mix from 2 to 6 different feed ingredients automatically It's accurate, flexible, safe, inexpensive to operate and easy to maintain Available in 5 7½, and 10 hp sizes Manufactures from 5,000 to 12,000 lb of feed per hour (based on a 1 to 4 mix using shelled corn and a ¼ inch screen )

# "AAA" LACT-AID™

## Just before farrowing, she needs all the help she can get.

This could be the most critical stage in determining the profitability of your operation — 7 days before farrowing to weaning. So give your sows every chance to produce a big healthy litter. Feed Master Mix "AAA" Lact-Aid™ complete feed. The laxative effect of "AAA" Lact-Aid reduces problems such as constipation and MMA, and its palatability keeps sows on feed when you move them into the farrowing quarters. You know how critical it is at this stage to provide proper levels of calcium and phosphorus ... they're **guaranteed** in "AAA" Lact-Aid. And all nutrients are balanced according to the available amino acid concept to assure accurate, economical feeding.

**Call Your Mister Mix Dealer And Get The Facts On Our Sow Feed Bonanza.**

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# York County DHIA Monthly Report

**APRIL 1979**

Sinking Springs Farm, Inc., York R22, had both the high herd average and the highest individual record in the York County DHIA program. Their average on 64 cows was 52.1 pounds of milk and 2.13 pounds of butterfat. Second high was Robert Stewart, Airville R1, with 52 Holsteins averaging 54.7 pounds of milk and 2.11 pounds of butterfat.

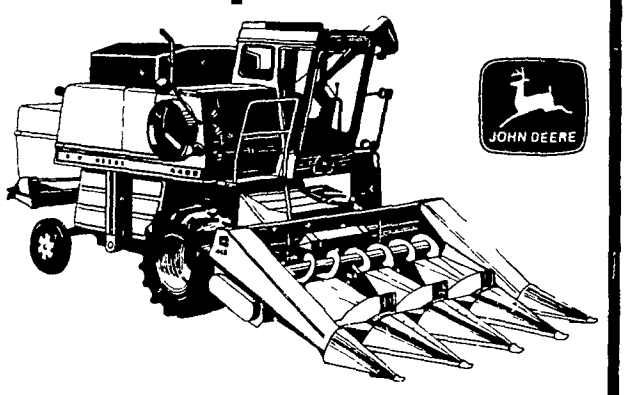
Sinking Springs' high cow for the month was Lizzy, a 3-year old which produced 22,224 pounds of milk and 899 pounds of butterfat in 305 days. Earl Fuhrman of Hanover R3, won runner-up honors with his 5-year old Holstein, Madge, which produced 20,698 pounds of milk and 807 pounds of butterfat in 305 days.

Sinking Spring Fm Inc

| OWNER BREED | NO. COWS | % DAYS IN MILK | LBS. MILK | % FAT | LBS. FAT |
|---|---|---|---|---|---|
| 3 | 64.3 | 89.1 | 523.1 | 4.1 | 2.13 |
| Robert R. Stewart | | | | | |
| 3 | 51.8 | 95.7 | 54.7 | 3.9 | 2.11 |
| Guy A. Leader & Sons | | | | | |
| B2 | 72.8 | 93.3 | 41.4 | 5.0 | 2.07 |
| Thomas A. boyer | | | | | |
| B3 | 31.8 | 93.1 | 53.8 | 3.8 | 2.06 |
| Lynn Wolf | | | | | |
| B3 | 43.0 | 89.0 | 56.8 | 3.6 | 2.05 |
| Earl Fuhrman | | | | | |
| B3 | 63.0 | 87.8 | 51.4 | 4.0 | 2.04 |
| Beshore Farms | | | | | |
| 3 | 43.2 | 83.8 | 55.3 | 3.5 | 1.91 |
| Galawn Farms | | | | | |
| B3 | 68.9 | 87.9 | 49.0 | 3.9 | 1.89 |
| Phillip D. Laughman | | | | | |
| 3 | 16.8 | 91.3 | 47.8 | 3.9 | 1.85 |
| Wayne B. Mummert | | | | | |
| B3 | 66.3 | 87.5 | 48.5 | 3.8 | 1.84 |
| Melvin R Lehr | | | | | |
| B3 | 35 7 | 96 3 | 46 9 | 3 9 | 1 82 |
| William Ruppert | | | | | |
| B8 | 54 9 | 9[illegible] | 52 1 | 3 5 | 1 81 |
| H E Fetrow & Sons | | | | | |
| B3 | 77.8 | 82 4 | 47 1 | 3 7 | 1 76 |
| Adrian Rinehart | | | | | |
| B3 | 90 7 | 94.9 | 45 5 | 3 8 | 1 75 |
| Roy & Frank Feeser | | | | | |
| B3 | 115.4 | 90.1 | 47.9 | 3 6 | 1.74 |
| Elvin G. Molison | | | | | |
| B3 | 92.0 | 89.8 | 46.7 | 3.7 | 1 74 |
| Dennis J. Myers | | | | | |
| B3 | 50.4 | 91.2 | 44.8 | 3.8 | 1.72 |
| Wayne L. Sweitzer | | | | | |
| B8 | 44.3 | 91.5 | 48.0 | 3.6 | 1.72 |
| Geo Knight | | | | | |
| B3 | 110.5 | 78.8 | 44.0 | 3.8 | 1.68 |
| Leroy Bupp | | | | | |
| B3 | 48.3 | 93.4 | 44.9 | 3.7 | 1.68 |
| Kenneth L. Rexroth | | | | | |
| B8 | 101.5 | 88.8 | 45.1 | 3.7 | 1.68 |
| Rutter Bros. | | | | | |
| 2 | 74.0 | 87.0 | 32.6 | 5.1 | 1.67 |
| Dale & Darla Doll | | | | | |
| B3 | 62.0 | 91.7 | 44.0 | 3.7 | 1.64 |
| Vincent C. Webb | | | | | |
| B8 | 71.6 | 93.3 | 42.4 | 3.8 | 1.63 |
| I Edwin Johnson | | | | | |
| 3 | 59.1 | 84.7 | 44.5 | 3.6 | 1.62 |
| Robert J. Reheard | | | | | |
| B8 | 40.6 | 97.6 | 41.8 | 3.9 | 1.62 |
| Edwin L. Calhoun | | | | | |
| B3 | 42.0 | 89.3 | 43.1 | 3.8 | 1.62 |
| Claude M. Cooper | | | | | |
| B3 | 39.5 | 91.5 | 45.1 | 3.6 | 1.61 |
| Mc Ral Dairy Farm | | | | | |
| B3 | 103.9 | 86.2 | 45.3 | 3.6 | 1.61 |
| D. Fantom & E. Gordon | | | | | |
| B8 | 54.0 | 96.1 | 40.3 | 4.0 | 1.60 |
| Titus & Merle Walker | | | | | |
| G8 | 38.8 | 85.6 | 41.7 | 3.8 | 1.59 |
| Robert W. Mays | | | | | |
| B3 | 66.9 | 96.6 | 46.4 | 3.4 | 1.59 |
| Horace E. Heindel | | | | | |
| B3 | 125.7 | 87.2 | 46.1 | 3.4 | 1.58 |
| J. Donnell Taylor | | | | | |
| B3 | 72.8 | 89.3 | 44.8 | 3.5 | 1.58 |
| Honeycrest Fm | | | | | |
| B8 | 91.1 | 91.3 | 36.6 | 4.3 | 1.58 |

(Turn to Page 123)


## Productivity excellence of the John Deere 4400 with 4-row head makes it a leader in the medium-price class




Compare a John Deere 4400 with a 4-row corn head or 4- or 6-row row-crop head with others in its class. See why John Deere corn head performance is so exceptional in standing or down corn, why the unique John Deere row-crop head minimizes soybean shattering and lets you step up ground speed

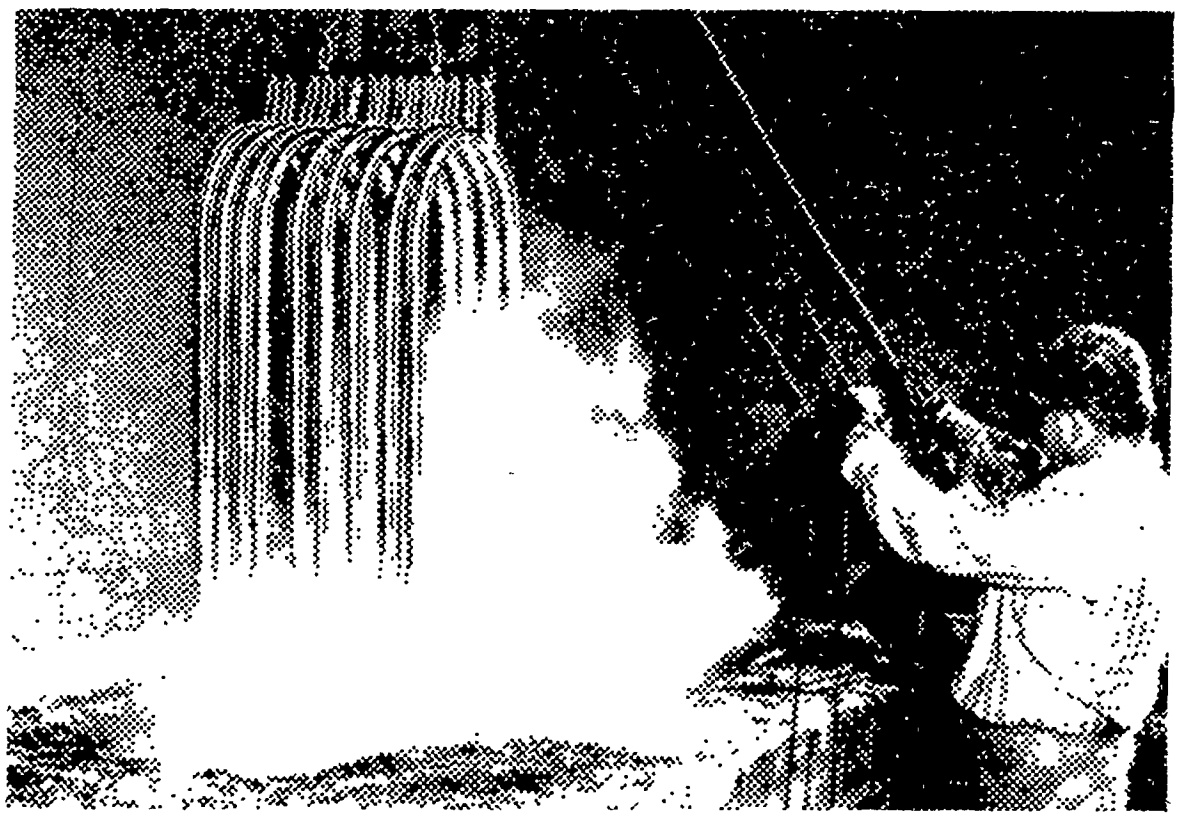
Check the 4400 separator advantages There's a 100-hp 329-cubic-inch diesel engine. Aggressive wedge-action threshing with a 38-inch cylinder. Thorough separation on long walkers with 6-inch crank throw. Uniform, full-width shoe feed with exclusive auger conveyors. The grain tank holds 72 bushels, or 102 with extensions. A quiet cab is available outfitted with a high-backed Personal-Posture™ seat. See and compare the productive 4400 soon.

**4400 IN STOCK WITH 213 CUTTING PLATFORM**

**LANDIS BROS., INC.**
1305 Manheim Pike, Lancaster, PA 17601
Ph: 717-291-1046



# JAMESWAY®
# Hot-Dip galvanized barn equipment



## Fights rust

Jamesway stalls, pens, stanchions, water cups and accessories are totally immersed in molten zinc. Bonds long-lasting rust protection over every square inch of surface, inside and out. Can't chip away, like paint. Means longer working life; longer good looks too.

**See us for systems and service that help make the good life better.**

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Rt. 2, Newville, PA
717-776-7533

# York County DHIA

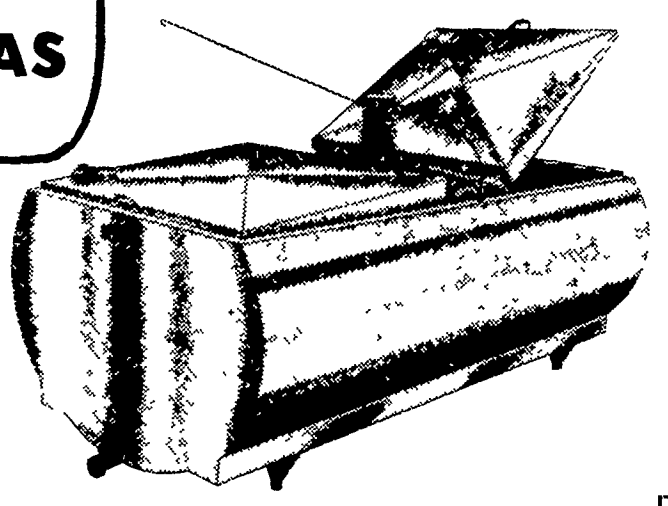
(Continued from Page 122)

| | | | | | |
|---|---|---|---|---|---|
| Carl Anderson | | | | | |
| B8 | 38.0 | 91.5 | 40.2 | 3.9 | 1.57 |
| Richard E. Stough | | | | | |
| B3 | 36.2 | 77.5 | 41.9 | 3.7 | 1.57 |
| Rick L. Cook | | | | | |
| B3 | 79.3 | 90.3 | 39.4 | 4.0 | 1.57 |
| Gum Tree Farm | | | | | |
| B3 | 41.1 | 92.5 | 46.3 | 3.4 | 1.56 |
| Eugene B. Taylor | | | | | |
| B3 | 50.7 | 91.0 | 41.6 | 3.7 | 1.55 |
| Leroy Hertzler | | | | | |
| B8 | 27.4 | 94.0 | 41.4 | 3.7 | 1.53 |
| Mervin W. Hertzler | | | | | |
| B8 | 65.3 | 94.4 | 32.4 | 4.7 | 1.53 |
| Susquehanna Dairy Fm | | | | | |
| B3 | 39.0 | 90.2 | 41.6 | 3.6 | 1.50 |
| Elvin R. Deiter | | | | | |
| B8 | 54.0 | 87.0 | 40.7 | 3.7 | 1.50 |
| Bupplynn Farms Farm 2 | | | | | |
| B3 | 75.1 | 93.6 | 40.1 | 3.7 | 1.50 |
| Philip R. Stambaugh | | | | | |
| B8 | 49.5 | 83.3 | 38.6 | 3.8 | 1.48 |
| John D. Adams | | | | | |
| B8 | 63.0 | 98.9 | 39.2 | 3.8 | 1.48 |
| Little Creek Fms Inc | | | | | |
| G3 | 151.4 | 86.9 | 37.9 | 3.9 | 1.47 |
| Donald Wilson | | | | | |
| B8 | 36.0 | 89.3 | 36.7 | 4.0 | 1.47 |
| Ramsey S. Cooper Jr. | | | | | |
| B8 | 51.2 | 83.1 | 39.7 | 3.7 | 1.46 |
| Ellis Crowl | | | | | |
| B8 | 117.8 | 90.1 | 40.2 | 3.6 | 1.44 |
| Curtis V. Thompson | | | | | |
| B8 | 59.3 | 89.4 | 39.1 | 3.7 | 1.43 |
| Eugene M. Kilgore | | | | | |
| B8 | 45.8 | 82.6 | 34.2 | 4.2 | 1.43 |
| C. Robert Kilgore | | | | | |
| B3 | 40.4 | 86.0 | 36.3 | 3.9 | 1.43 |
| Fawn Valley Farm | | | | | |
| B3 | 66 0 | 93 3 | 35 7 | 4 0 | 1 42 |
| Gary W Thoman | | | | | |
| 8 | 37 9 | 88 6 | 35 9 | 3 8 | 1 42 |
| Elwood T Krick | | | | | |
| B8 | 83 4 | 84 5 | 37 4 | 3 7 | 1 39 |
| Charles Herr & Son | | | | | |
| B3 | 48.9 | 85.1 | 36.5 | 3.8 | 1.39 |
| Ralph L. Innerst | | | | | |
| G3 | 38.0 | 82.4 | 35.4 | 3.8 | 1.35 |

| OWNER NAME OR NUMBER | BREED | AGE | DAYS IN MILK | LBS MILK | % FAT | LBS FAT |
|---|---|---|---|---|---|---|
| Geo Knight | | | | | | |
| Jewel | 3 | 10-3 | 305 | 14,168 | 4.0 | 564 |
| 177 | 3 | 5-1 | 305 | 19,596 | 4.0 | 785 |
| Fawn Valley Farm | | | | | | |
| Kim | 3 | 5-10 | 305 | 14,547 | 4.4 | 647 |
| Pondero | 3 | 4-8 | 305 | 15,025 | 3.6 | 542 |
| Emory & Wm Kilgore | | | | | | |
| 32 | 3 | 6-7 | 305 | 15,281 | 3.4 | 513 |
| 29 | 2 | 3-2 | 303 | 11,925 | 4.5 | 538 |
| Curtis V. Thompson | | | | | | |
| 90 | 3 | 5-0 | 280 | 13,052 | 4.0 | 516 |
| Ellis Crowl | | | | | | |
| B28 | 3 | 6-3 | 281 | 12,166 | 5.1 | 621 |
| Sinking Spring Fm Inc | | | | | | |
| Lizzy | f3 | 3-4 | 305 | 22,224 | 4.0 | 899 |
| Mavis | 3 | 3-3 | 305 | 23,013 | 3.0 | 681 |
| Margie | 3 | 2-2 | 305 | 15,815 | 4.0 | 640 |
| Rutter Bros | | | | | | |
| Ola | 2 | 4-7 | 305 | 12,480 | 5.5 | 686 |
| Sara | 2 | 4-3 | 305 | 12,987 | 5.1 | 661 |
| Pam | 2 | 3-5 | 305 | 10,391 | 5.6 | 585 |
| Beshore Farms | | | | | | |
| Lucinda | 3 | 7-7 | 305 | 16,335 | 4.1 | 668 |
| Margo | 3 | 3-3 | 305 | 18,874 | 3.7 | 703 |
| Janaz | 3 | 2-3 | 305 | 18,191 | 3.5 | 641 |
| Gum Tree Farm | | | | | | |
| Teresa | 3 | 6-8 | 305 | 14,734 | 4.9 | 715 |
| Albert Dehoff | | | | | | |
| 93A | 3 | 6-5 | 305 | 16,387 | 3.7 | 607 |
| Thomas A. Boyer | | | | | | |
| Baby | 3 | 2-4 | 305 | 16,417 | 3.8 | 631 |
| Earl Fuhrman | | | | | | |
| Madge | 3 | 5-8 | 305 | 20,698 | 3.9 | 807 |
| 9430 | 3 | 3-8 | 305 | 17,850 | 3.8 | 672 |
| Jessie | 3 | 3-5 | 305 | 12,853 | 4.1 | 524 |
| Guy A Leader & Sons | | | | | | |
| Jill | 2 | 5-5 | 305 | 13,970 | 5.1 | 711 |
| Carla | 2 | 5-3 | 305 | 13,780 | 4.2 | 579 |
| Astrid | 2 | 4-2 | 305 | 11,890 | 4.7 | 564 |
| Muriel | 2 | 3-5 | 305 | 14,123 | 4.9 | 699 |
| Leila | 2 | 3-4 | 305 | 13,857 | 4.9 | 675 |
| Bea | 2 | 2-2 | 305 | 12,368 | 4.8 | 595 |
| Portia | 2 | 2-7 | 305 | 11,992 | 4.8 | 579 |
| Celeste | 2 | 2-2 | 305 | 9,914 | 5.3 | 522 |
| Vincent C. Webb | | | | | | |
| 166 | 3 | 6-8 | 305 | 18,475 | 3.8 | 704 |
| 174 | 3 | 6-8 | 305 | 15,677 | 3.4 | 536 |
| 40 | 3 | 4-9 | 305 | 13,499 | 3.9 | 522 |
| 39 | 3 | 3-3 | 305 | 14,157 | 4.0 | 564 |
| Roy & Frank Feeser | | | | | | |
| Shirley | 3 | 6-8 | 305 | 17,540 | 3.4 | 600 |
| Lola | 3 | 5-9 | 305 | 19,400 | 2.8 | 542 |
| Connie | 3 | 3-6 | 305 | 17,659 | 3.8 | 670 |
| H. E. Fetrow & sons | | | | | | |
| Kitty | 3 | 4-10 | 305 | 17,053 | 3.5 | 596 |
| Clara | 3 | 4-10 | 305 | 19,853 | 3.7 | 731 |
| Nan | 3 | 2-7 | 305 | 16,998 | 3.3 | 553 |
| Mary | 3 | 7-2 | 293 | 14,185 | 3.7 | 530 |
| Adrian Rinehart | | | | | | |
| 53 | 3 | 12-9 | 305 | 16,045 | 3.9 | 629 |
| 12 | 3 | 6-1 | 295 | 17,073 | 3.9 | 674 |
| 164 | 3 | 2-5 | 305 | 9,977 | 5.1 | 508 |
| 165 | 3 | 2-9 | 305 | 14,581 | 3.8 | 558 |
| Robert R. Stewart | | | | | | |
| Pueblo | 3 | 3-11 | 305 | 16,620 | 3.4 | 557 |
| Yvette | 3 | 3-9 | 305 | 18,592 | 3.6 | 671 |
| Joyous | 3 | 3-10 | 305 | 19,184 | 3.7 | 718 |
| T. Edwin Johnson | | | | | | |
| B Gay | 3 | 4-8 | 305 | 18,632 | 3.1 | 576 |

(Turn to Page 125)


MAKE ME A BULK MILK COOLER THAT HAS EVERYTHING!



MUELLER
Bulk Milk Coolers

THE MUELLER MODELS OH, MHL, AND MW WITH HIPERFORM MAKE ALL OTHER BULK MILK COOLERS OBSOLETE
SEE THE MUELLER NEW MODELS
★ 500 MW ★ 600 MW

The "MW" is one of the Lowest pouring Height Bulk tanks. Check with us all the new features of the "MW" bulk tank.

If you are in the market for a bulk milk cooler and you don't check all the advantages of the Mueller "OH" "MHL", and "MW" you may be buying an obsolete cooler.

USED TANKS

300 Gal. Girton
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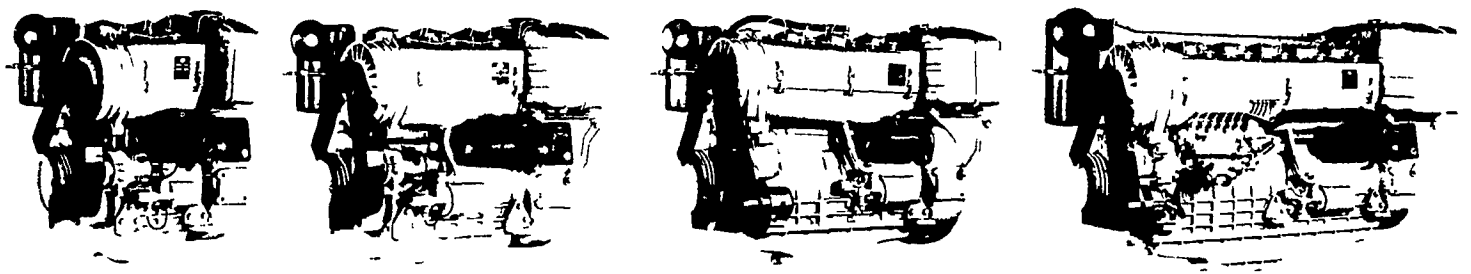
500 Gal. Jamesway
400 Gal. Dari-Kool
500 Gal. Dari-Kool
500 Gal. Milkeeper

ASK US TO SEE A MUELLER FRE HEATER IN OPERATION, RIGHT ON THE FARM.



2800 R.P.M. 44 SAE HP 40 DIN HP
2800 R.P.M. 66 SAE HP 60 DIN HP
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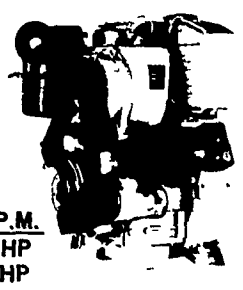
VM Diesel

1050 SU SERIES



2800 R.P.M. 22 SAE HP 20 DIN HP

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24 HOUR SERVICE

# Outstanding alumni, faculty, students cited at Penn State

UNIVERSITY PARK — Gamma Sigma Delta, the honor society of agriculture, cited outstanding alumni, faculty, and students during the chapter's annual banquet held recently at The Pennsylvania State University.

Alumni honored for attainments, and taken into membership, were Penrose Hallowell, Pennsylvania Secretary of Agriculture, and Merrill L. Mordan, president of the First National Bank of Honeybrook.

Hallowell, class of 1950, served from 1969 to 1977 as state director of the federal Farmers Home Administration. He owns Pennywell Farms, a 290-acre Holstein dairy operation in Ottsville, Bucks County. He was elected to the Penn State Board of Trustees in 1977.

Mordan, class of 1949, served for several years as chairman of the agricultural committee within the Pennsylvania Bankers Association. He helped to organize the agricultural credit conference held annually at Penn State. He has been involved in many civic and community activities in Chester County.

Honored for exceptional service in research with the College of Agriculture was Dr. Robert L. Cowan, professor of animal nutrition. Honored for outstanding work as a teacher was Dr. Leon J. Johnson, associate professor of soil mineralogy. Cited for achievements in Extension work was Herbert C. Gilmore, professor of dairy science extension.

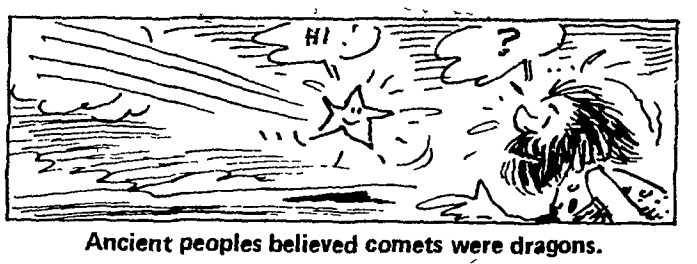
Bruce R Knoebel, Pittsburgh, received the senior scholarship award of a watch. Knoebel is majoring in forest science. Junior citations of $50 each went to James T. Elwell of Harwinton, Ct., majoring in animal bioscience; and to Lori F. Fehr of Pine Grove, majoring in horticulture.

Sophomore scholarship awards of pen desk sets were presented to Robert L. Schenck of Scottdale, major in food science; Kathleen J. Schiever of Harmony, major in dairy production; Marie I. Weber of St. Clair, major in animal science; and Laura L. Weinberger of Clinton, major in animal bioscience.

Faculty members initiated were Sidney E. Barnard, professor of food science Extension; Dr. Erskine H. Cash, associate professor of animal science; Dr. Kenneth Goodwin, professor of poultry science; Joseph A. McCurdy, professor of agricultural engineering Extension; and the two faculty award winners, Dr. Johnson and Professor Gilmore.

Elected officers for 1979-80 were: President, Dr. Milton C. Hallberg, professor of agricultural economics; Vice president, Dr. Douglas L. Garwood, associate professor of horticulture; Secretary-treasurer, Dr. John H. Ziegler, professor of meat science; and Historian, Marion R. Deppen, assistant director of the Cooperative Extension Service, Capital Region.

Initiated into Gamma Sigma Delta were 41 graduate students and 60 undergraduates in Penn State's College of Agriculture.



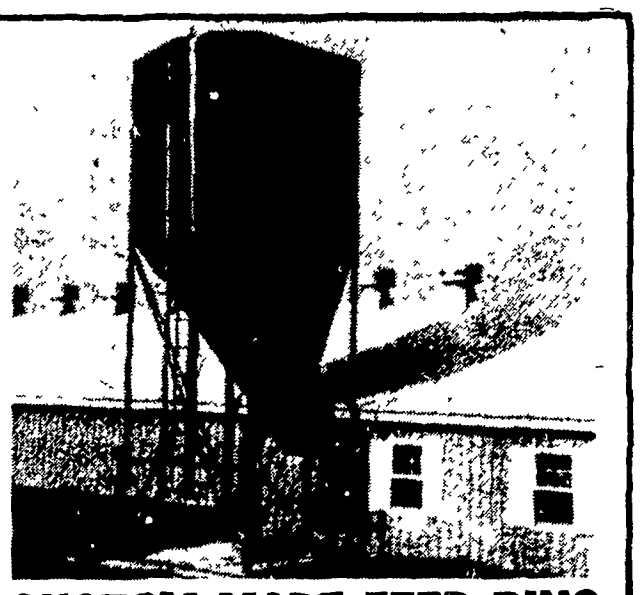

Ancient peoples believed comets were dragons.

# Poultry science graduate scholarships announced

NEWARK, Del. — A new graduate level scholarship has been established for students majoring in poultry science in the College of Agricultural Sciences at the University of Delaware. According to Dr. John K. Rosenberger, chairperson of the department of animal science and agricultural biochemistry, the scholarship has been made available through a grant from the Hubbard Farms Charitable Foundation of Walpole, New Hampshire.

The amount of the scholarship for the 1979-1980 academic year will be $1000. It will be made available on an equal opportunity basis to a recipient selected on the basis of merit by a committee within the department.

In announcing the scholarship, Rosenberger expressed his appreciation for the generosity of the donor, noting that Hubbard Farms is a poultry breeding and research farm whose famous Hubbard line birds have provided the genetic stock used by much of the Delmarva broiler industry.

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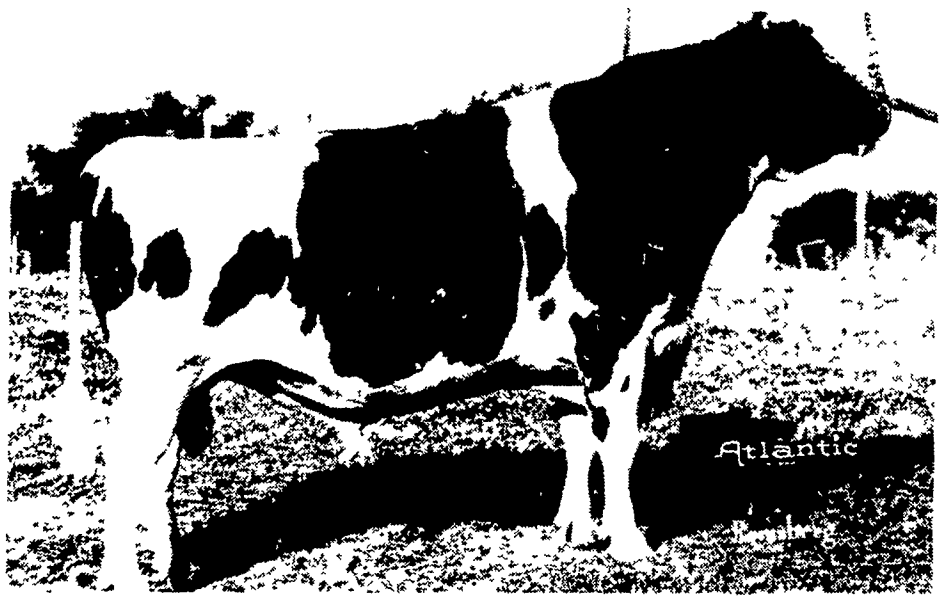


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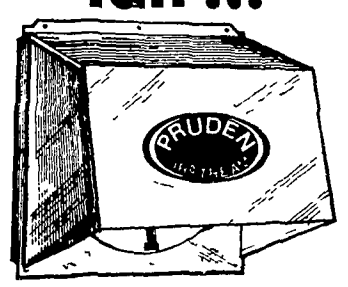


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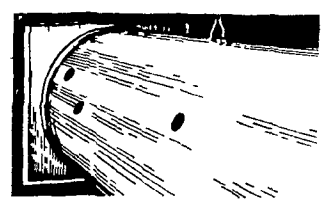

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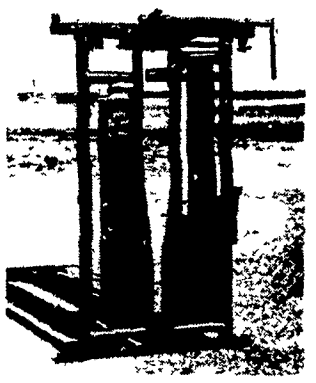

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# York County DHIA

(Continued from Page 123)

| | | | | | | |
|---|---|---|---|---|---|---|
| Cassett | 3 | 4-1 | 305 | 19,396 | 3.4 | 667 |
| Sharon | 3 | 3-9 | 305 | 22,842 | 3.3 | 756 |
| Leroy Bupp | | | | | | |
| Millie | 3 | 10-7 | 305 | 18,082 | 3.4 | 620 |
| Pauline | 3 | 6-0 | 305 | 17,980 | 3.4 | 618 |
| Molly | 3 | 4-2 | 293 | 13,140 | 3.9 | 506 |
| Bet | 3 | 2-6 | 305 | 18,757 | 3.9 | 739 |
| Dennis L. McWilliams | | | | | | |
| 64 | 3 | 5-1 | 305 | 15,492 | 3.6 | 551 |
| Palmer McWilliams Jr. | | | | | | |
| 80 | 3 | 5-6 | 280 | 11,935 | 4.3 | 514 |
| Dennis J. Myers | | | | | | |
| Maggie | 3 | 8-1 | 305 | 16,384 | 4.6 | 754 |
| Connie | 3 | 6-4 | 290 | 15,173 | 3.5 | 533 |
| Blackie | 3 | 5-0 | 305 | 13,160 | 4.4 | 582 |
| Titus & Merle Walker | | | | | | |
| 5075 | 3 | 5-10 | 284 | 15,976 | 3.4 | 541 |
| 5173 | 3 | 5-0 | 305 | 18,039 | 3.2 | 570 |
| 6415 | 3 | 3-8 | 305 | 15,323 | 4.0 | 610 |
| 5258 | 3 | 3-1 | 305 | 14,118 | 3.9 | 547 |
| 4063 | 3 | 2-7 | 305 | 14,575 | 3.6 | 525 |
| 4121 | 3 | 2-3 | 300 | 15,988 | 3.3 | 532 |
| C. Robert Kilgore | | | | | | |
| 32A | 3 | 11-1 | 305 | 12,471 | 4.0 | 501 |
| 17 | 3 | 7-0 | 305 | 15,186 | 3.4 | 514 |
| Polly | 3 | 3-11 | 305 | 14,582 | 4.0 | 589 |
| Jo Jo | 3 | 4-4 | 305 | 13,562 | 3.9 | 535 |
| Philip D. Laughman | | | | | | |
| Tully | 3 | 4-0 | 305 | 18,732 | 3.9 | 727 |
| Handy | 3 | 2-10 | 299 | 14,450 | 4.6 | 671 |
| Wayne B. Mummert | | | | | | |
| 4 | 3 | 3-2 | 294 | 17,022 | 3.8 | 644 |
| Dale & Darla Doll | | | | | | |
| Jenny | 3 | 7-2 | 305 | 18,369 | 3.5 | 639 |
| Carol | 3 | 6-2 | 305 | 17,278 | 3.5 | 600 |
| Cora | 3 | 5-8 | 289 | 14,055 | 4.0 | 557 |
| Betty | 3 | 5-2 | 249 | 15,017 | 4.1 | 617 |
| Belle | 3 | 5-1 | 305 | 13,993 | 3.8 | 527 |
| Roxann | 3 | 3-7 | 295 | 15,035 | 3.6 | 544 |
| Ruby | 3 | 3-6 | 305 | 17,364 | 3.8 | 659 |
| D. Fantom & E. Gordon | | | | | | |
| Pat | 3 | 8-3 | 305 | 13,440 | 3.9 | 530 |
| Lynn Wolf | | | | | | |
| Barb | 3 | 6-6 | 305 | 19,727 | 4.1 | 803 |
| Polly | 3 | 7-0 | 305 | 21,913 | 3.2 | 712 |
| Eloise | 3 | 3-6 | 292 | 17,581 | 3.5 | 624 |
| Flicka | 3 | 2-6 | 295 | 19,366 | 3.9 | 747 |
| Gwen | 3 | 2-3 | 281 | 16,259 | 4.1 | 674 |
| Ramsey S. Cooper Jr. | | | | | | |
| Dawn | 3 | 6-3 | 285 | 13,647 | 4.0 | 540 |
| Clara | 8 | 3-8 | 275 | 13,910 | 3.7 | 519 |
| Melvin R. Lehr | | | | | | |
| 111 | 3 | 6-4 | 268 | 12,746 | 4.2 | 530 |
| 40 | 3 | 2-8 | 305 | 13,682 | 4.2 | 571 |
| Horace E. Heindel | | | | | | |
| Ila | 3 | 8-4 | 298 | 14,038 | 4.2 | 596 |
| 3A | 3 | 3-4 | 305 | 17,360 | 3.5 | 610 |
| 89A | 3 | 2-3 | 305 | 16,897 | 3.1 | 519 |
| 142A | 3 | 2-2 | 296 | 15,592 | 3.3 | 544 |
| Carl Anderson | | | | | | |
| 45 | 3 | 4-9 | 305 | 18,096 | 3.7 | 674 |
| Elvin R. Deiter | | | | | | |
| Jackie | 3 | 7-4 | 305 | 19,694 | 3.5 | 685 |
| Natalie | 3 | -2 | 305 | 15,178 | 3.6 | 542 |
| Charles Herr & Son | | | | | | |
| 2 | 3 | 7-1 | 305 | 14,221 | 3.9 | 554 |
| Quinn | 3 | 3-4 | 305 | 14,351 | 3.8 | 540 |
| Little Creek Fms Inc | | | | | | |
| 104 | 3 | 7-8 | 305 | 14,134 | 3.8 | 543 |
| 92 | 3 | 5-7 | 305 | 12,850 | 4.0 | 516 |
| 99 | 3 | 2-11 | 305 | 13,396 | 3.9 | 524 |
| Wayne L. Sweitzer | | | | | | |
| Annabel | 3 | 2-4 | 305 | 13,193 | 4.4 | 584 |
| Mom | 3 | 8-10 | 285 | 15,962 | 3.4 | 537 |
| Kenneth L. Rexroth | | | | | | |
| Rhonda | 3 | 7-8 | 305 | 16,799 | 3.6 | 613 |
| 105 | 3 | 0-0 | 305 | 14,959 | 4.1 | 607 |
| 47 | 3 | 0-0 | 300 | 14,099 | 3.7 | 527 |
| Richard E. Stough | | | | | | |
| Alice | 3 | 5-6 | 305 | 17,984 | 4.1 | 743 |
| J. Donnell Taylor | | | | | | |
| Liz | 3 | 5-11 | 304 | 19,463 | 3.7 | 714 |
| Bupplynn Farms Farm 2 | | | | | | |
| 82 | 3 | 4-4 | 305 | 17,592 | 3.2 | 566 |
| 107 | 3 | 3-11 | 305 | 17,106 | 3.6 | 624 |
| 32R | 3 | 2-11 | 305 | 16,055 | 3.4 | 549 |
| 50 | 3 | 4-11 | 305 | 14,670 | 3.8 | 551 |
| 127 | 3 | 3-5 | 305 | 16,145 | 3.8 | 620 |
| Elvin G. Molison | | | | | | |
| 30 | 3 | 5-6 | 289 | 12,351 | 4.1 | 506 |
| 65 | 3 | 4-4 | 305 | 17,340 | 3.7 | 634 |
| 71 | 3 | 3-3 | 305 | 16,351 | 4.1 | 675 |
| 11 | 3 | 3-2 | 279 | 15,103 | 3.6 | 538 |
| John D. Adams | | | | | | |
| 58 | 3 | 4-0 | 286 | 13,330 | 3.8 | 511 |
| Claude M. Cooper | | | | | | |
| 89 | 3 | 6-1 | 218 | 11,598 | 4.3 | 501 |
| Honeycrest Fm | | | | | | |
| Rlinda | 2 | 6-0 | 281 | 14,927 | 3.9 | 582 |
| Midge | 2 | 3-5 | 305 | 14,812 | 4.5 | 663 |
| Daisy | 2 | 2-10 | 305 | 12,186 | 4.4 | 540 |
| 36 | 2 | 6-0 | 305 | 11,495 | 4.7 | 543 |
| 27 | 2 | 2-4 | 305 | 12,308 | 4.3 | 535 |
| Mervin W. Hertzler | | | | | | |
| Emma | 2 | 3-11 | 305 | 12,845 | 4.2 | 545 |
| Laverne & Judith Hess | | | | | | |
| 12 | 3 | 4-8 | 305 | 18,769 | 3.2 | 597 |
| 16 | 3 | 7-9 | 305 | 15,951 | 4.4 | 696 |
| 24 | 3 | 3-0 | 297 | 13,825 | 3.7 | 512 |
| 29 | 3 | 5-9 | 305 | 16,227 | 3.6 | 583 |
| McRal Dairy Farm | | | | | | |
| 432 | 3 | 2-1 | 302 | 15,142 | 3.5 | 528 |
| William Ruppert | | | | | | |
| Heddy | 3 | 6-1 | 305 | 17,367 | 3.3 | 575 |
| Cindy | 3 | 3-1 | 305 | 17,289 | 3.2 | 548 |
| Galawn Farms | | | | | | |
| Daisy | 3 | 3-7 | 305 | 19,870 | 3.9 | 770 |
| Bess | 3 | 2-4 | 301 | 13,135 | 4.0 | 529 |
| Tammy | 3 | 2-4 | 305 | 12,627 | 4.3 | 547 |
| Hope | 3 | 2-3 | 305 | 13,842 | 4.0 | 554 |
| Jody | 3 | 2-3 | 305 | 14,433 | 3.7 | 538 |
| Peppy | 3 | 4-3 | 305 | 18,426 | 3.4 | 618 |


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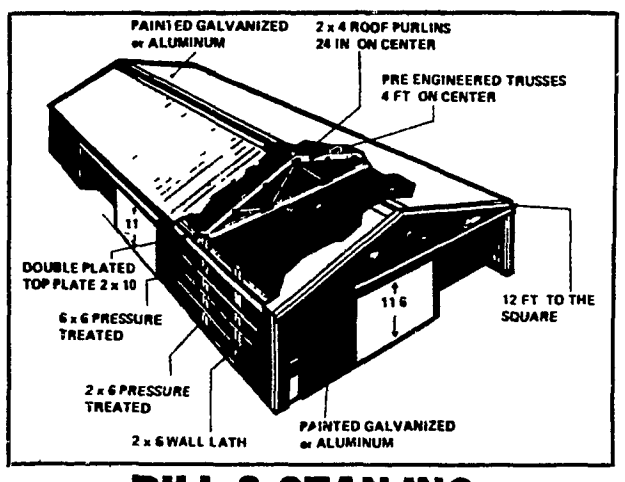
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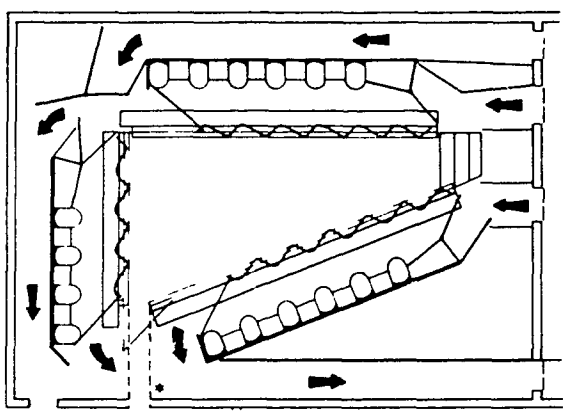

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# Pa. Southdown Breeders meet

BEDFORD — Pennsylvania Southdown sheep breeders recently held a meeting at Bedford, Pa., to organize the Pa. Southdown Breeders Association, which resulted in the following officers: President, Jerry McCammon, Schellsburg R1; Vice President, R. B. McCrumb II, Mars; Sec. and Treas., Patsy Novak, Blairsville R1; Reporter, Anne Rohrer, Quarryville R1; Directors, George Downsbrough, State College; Gary Kwisnek, Clarksburg R1; and H. James Shearer, Mountville.

Anyone interested in joining the Pennsylvania Southdown Breeders Association or desiring information on Southdown sheep, please contact Gary Kwisnek, Clarksburg R1, Pa. 15725.


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# *Everything you wanted to know about forages, but were afraid to try, is at Forage Day*

By DIETER KRIEG

BELLEVILLE — Anyone wishing to make comparisons between dozens of forages and scores of ways of managing them is invited to attend the first ever Forage Day, to be held June 19 at Plum Bottom Farm, near here.

Forage Day was four years in planning and will take place rain or shine on the designated day, says John Rodgers, owner of Plum Bottom Farm. Aside from the numerous forage plots, an added attraction will be a bred heifer sale on the evening of June 19. Seventy-five head will be sold.

Forage Day will feature just about every variety of legume and grass commonly grown in Pennsylvania for livestock purposes. Management of plots and fields differed in any number of ways, such as seedbed preparation, seeding method, fertilization, date of cut, weed and insect control, longevity of the stand, and liming rates.

Sponsored by the Pennsylvania Forage and Grassland Coucil and the Pennsylvania State University, Forage Day is open to anyone interested in growing forages. There will also be exhibits. Exhibit space is free to any member of the Council. If you're not a member and are interested in joining, Rodgers says the membership roll remains open. Contact John Baylor, executive vice president, 106 Agricultural Administration Building, University Park, Pa. 16802.

Exhibits will include equipment, seeds, and related items. Equipment will not be demonstrated, however, says Rodgers.

Forage Day begins on June 19 at 10 a.m. with wagon tours to the several hundred acres that have been devoted to this project. In case of rain, buses will be used for the tours. Tours begin from the main dairy barn, located northeast of Belleville. Directions to the farm are as follows:

From Route 322, north of Lewistown, take Route 655 south towards Belleville. Signs will direct motorists to the farm, located at the foot of the mountain on the west side of Route 655.

Another part of the program will be a walking tour of the farm's woodlot where specialists from the Department of Environmental Resources will discuss how to get the best dollar return from such land.

Rodgers grows about 200 acres of alfalfa and much of that will be open for inspection on the day of the tours. Plots were established in 1973, 1976, 1977, and 1978. Visitors will see the results of what happened when alfalfa was seeded no-till in sod, or in corn stalks with a corn planter.

In some cases alfalfa seed was mixed with liquid fertilizer and applied through a sprayer. In short, seedbeds were prepared in a variety of ways and the consequences are there for all to see.

Aside from alfalfa, there are also fields of Reed canary grass, Baylor brome grass, tall fescue, orchardgrass, Climax timothy, and birdsfoot trefoil. Each demonstration field has been divided into four sections for an experiment which will show how the date of cut affects yield and regrowth. Rodgers points out that the first cutting was made on May 16. A second portion of the field will be mowed on May 29, and a third quarter on June 12. The last quarter of the field will not have been mowed at all when the tour arrives.

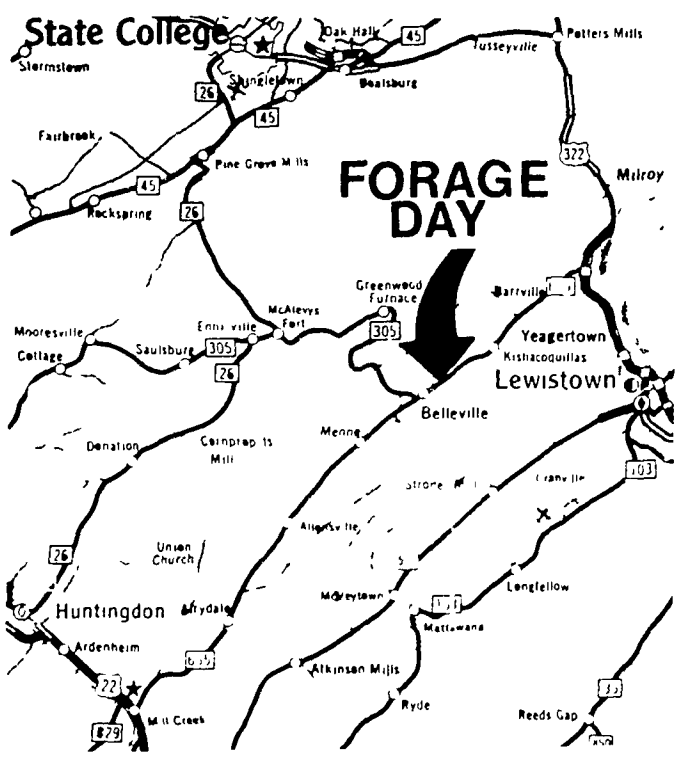
Portions of the experimental fields dealt with potassium applications on alfalfa, weed control, no-till sod seedings, and no-till corn covers. On the latter, fields include crownvetch, corn in birdsfoot trefoil, and corn planted in crownvetch-trefoil cover. Experts will be on hand to discuss details and which method works best.

**This hay being held up by Plum Bottom Farms owner John Rodgers comes off a field that has been in production for 20 years.**

Eight varieties of red clover will be studied, and plenty of grasses. Management ideas should be plentiful, say organizers of the event. In addition, one of Rodgers' bluegrass pastures has been interseeded with birdsfoot trefoil. Visitors are invited to see the results.

And does it really make a difference where soil nutrients for your soil come from? What's the effect on organic matter? Forage Day will try to prvide some of the answers on that too as studies are revealed on manure vs. chemical fertilizers.

Not to be forgotten on the list of activities for Forage Day is the yield guessing contest. You're invited to guess the yield on Rodgers' alfalfa growers contest field and his entry into the National Corn Growers Contest. The alfalfa yield must be guessed to the hundredth of a ton, the corn yield to the tenth of a ton. Respective prizes are a bag of alfalfa seed donated by the Stanford Seed Company and a bag of seed corn from Pioneer Hybrids, Inc. Entry blanks may be picked up at the Forage Day site.




**The arrow on the map tells where the first-ever Forage Day will take place on June 19.**

# Farm exports were significant even in 1760

WASHINGTON, D.C. — Farm exports were good even before this country was formed Especially to Great Britain and to Southern Europe. And, the big items were tobacco, dried fish, and indigo cloth. Though such items as whale fins, rice, rum and boards (lumber) were in demand

We exported 31,000 barrels of pickled fish, 403,000 bushels of Indian corn, 955 bushels of wheat, 22,000 bushels of oats, 49,000 bushels of peas and beans, 3,000 tonnes of beef and pork, 3,400 tonnes of potatoes and 58,000 candles to the West Indies that year

There were no dollars, just British pounds sterling. But in terms of current currency, American farm exports totaled $20,000,000 that year Tobacco, of course was the biggest About $5,000,000 worth of it was exported that year, most of it to Great Britain. And, dried fish Southern European countries took $2,000,000 of our dried fish that year

Pretty good for 13 American colonies with a total population of 1,600,000 Biggest colony was Virginia, pop. 340,000 people. Truly, the year 1760 was a very good year (From Special Historical Material compiled by Larry Marton, USDA's Special Reports Division).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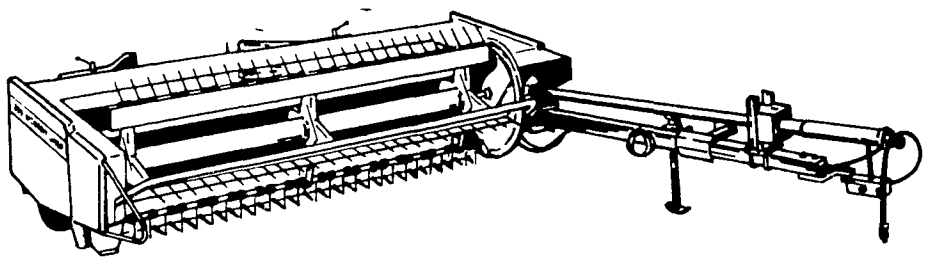

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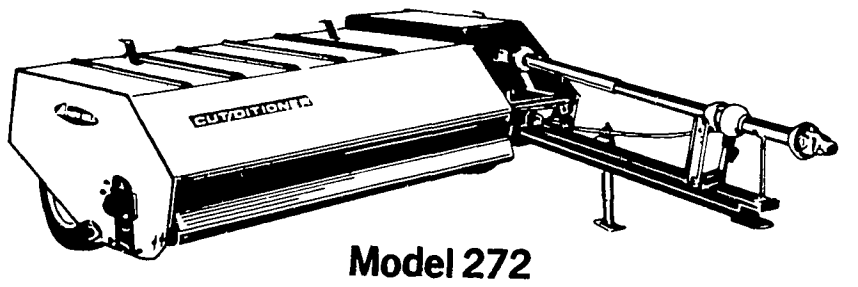

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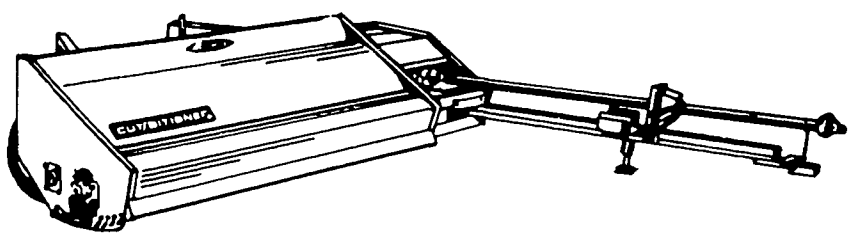

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# How do P&S rules protect sellers on livestock losses?

NEW YORK, N.Y. — A meat packer fails to pay for more than $100,000 worth of livestock. What are the consequences?

It could mean a small cattle rancher who makes his living from 175 head might have to put his farm up for sale; several small cattle auctions might have to close their doors; and a large stockyard could be faced with a significant financial loss.

Earlier this year, the U.S. Department of Agriculture's Agricultural Marketing Service was involved in just such a case dealing with a packer in north central Texas who had failed to pay more than $144,000 to cash livestock sellers

Under 1976 trust provisions of the Packers and Stockyards Act, people who sell livestock to meat packers on a cash basis have a trust interest in the Packer's inventory of livestock and proceeds from the sale of meat

If a packer files for bankruptcy, or otherwise fails to pay for livestock, the sellers stand in line to receive payment from funds in the trust.

On January 25, the regional supervisor for the packers and stockyards program in Ft. Worth, M L. Marshall, learned that drafts in the amount of $118,897 93 had been returned unpaid to the Ft. Worth Stockyards He immediately sent marketing specialist Bill Butler to investigate

According to Butler, "They had just completed slaughtering cattle for the day when we arrived We told the manager if he continued to buy livestock, we'd have to get a temporary restraining order."

The manager agreed to cooperate. Butler examined the records and found total indebtedness for livestock to be $144,236.26.

We told him the entire inventory and accounts receivable from meat and meat food products would be considered a trust, and that P&S required equal payment to each unpaid cash seller," Butler says "I checked with the manager two to three times daily to find the status of the inventory and receiveables and how much had been paid to cash sellers. By February 2, all cash sellers of livestock had been paid in full "

Cases such as the one in North Texas are not unusual for Butler He and nine others in the Ft Worth P&S office regularly review 249 auctions, 30 commission companies, 120 bonded packing houses, and 677 livestock dealers in Texas and Oklahoma.

They investigate around 400 complaints a year "We seek compliance rather than formal action against most offenders," Butler explains "Our main responsibility is to protect the producers of livestock When cattle prices are high, meat packers will operate on a slim profit margin. Smaller packers, particularly, have a hard time staying in business."

Butler says the market situation calls for caution on the part of both buyers and sellers. Livestock producers should deal only with bonded packers and dealers If a buyer asks whether a check has cleared the bank, the seller might need to recheck that individual's credit with the bank.

# Sheep events at NAILE will show growth in '79

LOUISVILLE, Ky. - Sheep events at the North American International Livestock Exposition have traditionally ranked among the largest of animal events, second only to beef events. According to Harold Workman, Manger of the big Expo, sheep numbers will likely increase in 1979, and the total purse for all events will be $40,000. He indicated the consistent large premium offerings in sheep classes have been a major reason for the rapid growth of the Expo. Quality facilities also rank as a major factor in the North American's attractiveness to breeders of all livestock.

Sheep shows and sales will take place between November 10 - 16. In addition to the shows and sales, Workman said that several annual meetings will be held, as well as four sales for Shropshire, Southdown, Hampshire and Oxford breeds.

The schedule for sheep events is as follows:

November 10 - National Suffolk Sheep Show, National Suffolk Sheep Sale, and Suffolk Annual Meeting and Banquet.

November 11 - Junior Breeding Sheep Show and North American International Ladies Lead Classes

November 12 - National Southdown Sheep Show, North American International Hampshire Sheep Show, Junior Market Lamb Show, Southdown Annual Meeting and Banquet, national Southdown Sale, and North American International Hampshire Sale.

November 13 - Dorset Sheep Show and National Rambouillet Sheep Show.

November 14 - National Shropshire Sheep Show, National Cheviot Sheep Show, and Shropshire Sheep Sale.

November 15 - National Oxford Sheep Show, Corriedale Sheep Show, and Oxford Sheep Sale

November 16 - Columbia Sheep Show and Montadale Sheep Show.

Additional details regarding sheep events at the North American International Livestock Exposition will be available July 1, when Premium Catalogs are complete


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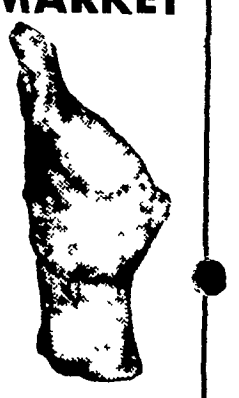

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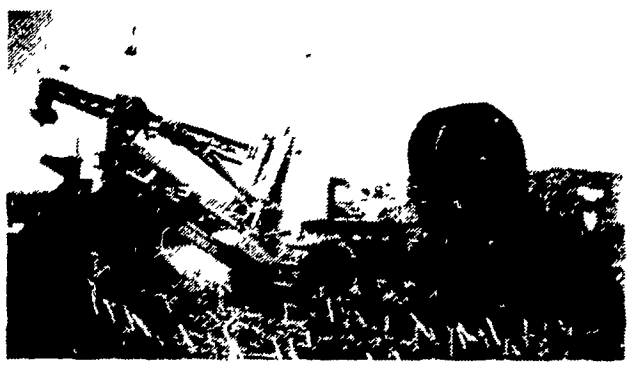

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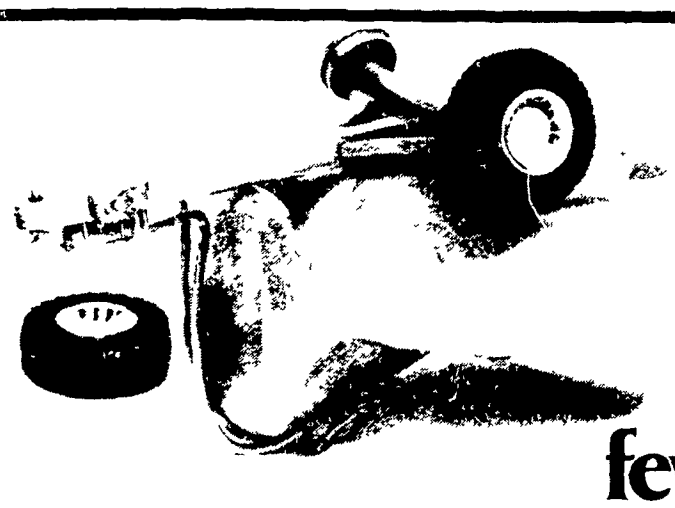

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# Ag students recognized in U. of D. program

NEWARK, Del. — A number of top-achieving students in the College of Agricultural Sciences received recognition during recent University of Delaware Honors Day exercises. The event, which is held annually, honors students for their accomplishments in scholarship and leadership, as well as for contributions to their respective colleges and the entire campus community.

Academic awards are based on a cumulative grade point index of 3.00 or higher. Undergraduates who do not achieve these indexes but who demonstrate leadership and traits of outstanding citizenship also are recognized.

One of the agricultural students receiving University-level awards was Kim A. Herrman, of West Chester, Pa. An animal science major, Ms. Herrman joins the top student from each of the University's eight undergraduate academic units on a Panel of Distinguished Scholars.

The Alpha Zeta Award for the highest ranking sophomore student enrolled in the College of Agricultural Sciences went to animal science major James N. MacLeod, of Montchanin.

The Honors Day Book Award in the College went to another animal science major, Ronnie M. Cain, of Greenwood. This award goes to one sophomore or junior in each college or division who has shown a sincere desire for knowledge and has been active in extracurricular activities directed toward the individual betterment of fellow students.

A fourth University-level award went to Thomas J. Marshall, of Wilmington. Marshall, an agricultural business management major, received the Wall Street Journal Award, which is granted each year to one outstanding senior in the College of Business and Economics and one in the College of Agricultural Sciences.

College-level awards included scholarship prizes to a number of students. This year's $650 Ralston-Purina Award recipient was Frank J. Wallace, of Coatesville, Pa. Southern States scholarships went to senior Jo Ann Stafford, Newark; Junior Ronnie M. Cain, Greenwood; sophomore Carla A. Vanderwende, Bridgeville; and freshman Samuel R. Hopkins, Lewes.

Among other scholarships, that from the Delaware Federation of Garden Clubs went to Joan E. Lukas Maloof, Elkton, Md.; the Delaware State Grange, to Patricia E. Williams, Hockessin; the Delaware-Maryland Plant Food Association, to Laurie T. Morelli, Hockessin; and the George M. Worrilow Alpha Zeta Scholarship, to Ruth A. Murray, Wilmington.

The Dr. John W. Heuberger Award went to Joan E. Lukas Maloof, while the Delaware Standardbred Development Fund Scholarship was awarded to Patrick J. Byrne, of Wilmington, and Robert M. Thompson, Jr., of Camden-Wyoming. The George M. Worrilow Scholarship in Agricultural Sciences (sponsored by the Agricultural Alumni Association) went to two students: Roberta S. Greenspan of Bellmore, N.Y., and Glenn P. Wagner of Point Pleasant, N.J. The Carvel Agricultural Scholarship for Delaware residents who want to enter the College went to Donna R. Studley of Laurekl, Keith A. Moore of Georgetown, and Elizabeth J. Wade of Claymont.

Five Degree of Distinction nominees were recognized during the ceremony: Kim A. Herrman, West Chester, Pa. (animal science); Dana R. Marshall, Wilmington (animal science); David K. Brauer, Wilmington (plant science); Joan E. Lukas Maloof (plant science); and Frankie J. Schultz, Hockessin (plant science). Applicants for this degree must attain a general scholastic index of not less than 3.00 and an index of not less than 3.50 in their major. They must also prepare a satisfactory thesis on individual research.

Ten members of the University of Delaware Chapter, Collegiate Future Farmers of America were recognized for having achieved grade point averages of 3.0 or better. They are: Patrick J. Byrne, Wilmington; Mary L. Casadevall-Keller, Newark; Cynthia A. Fabian, Pottstown, Pa.; Annemarie E. Forrest, Oakland, N.J.; Michael A. Hudson, Milton; Laurie T. Morelli, Hockessin; Nancy A. Overton, Ardsley, N.Y.; Carolyn E. Palo, Newark; Judith L. Passmore, Townsend; and Linda S. Wix, West Point, N.Y.

American Society of Animal Science Scholarship Awards went to Karen A. Bennett, West Chester, Pa.; Robin E. Davis, Newark; Nancianne E. Doyle, Trenton, N.J.; Cynthia A. Fabian, Pottstown, Pa.; Kim A. Herrman, West Chester, Pa.; Steven A. Kornblum, Bellmore, N.Y.; Carolyn E. Palo, Newark; Judith L. Passmore, Townsend; Susan A. Solymos, York, Pa.; Earl R. White, Jr., Newark; Sherri L. Bakerian, Cranford, N.J.; Ronnie M. Cain, Greenwood; Susan L. Killian, Milton; Ruth A. Murray, Wilmington; Lynn M. Nasta, Ronkonkoma, N.Y.; Cynthia L. Rochen, Potomac, Md.; Nancy J. Stilley, Cherry Hill, N.J.; and Kathryn A. Wright, Malvern, Pa.

The Botanical Society of America recognized two outstanding senior students in the plant sciences: Ann G. Ekstrom Levine, Newark; and Frankie J. Schultz, Hockessin.

A number of students were named to Alpha Zeta, a national agricultural honor fraternity. They are: Sheri L. Bakerian, Cranford, N.J.; Donna I. Barwise. Valley Forge, Pa.; Jennifer J. Brown, Wilmington; Ronnie M. Cain, Greenwood; Catherine A Clarke,

(Turn to Page 131)


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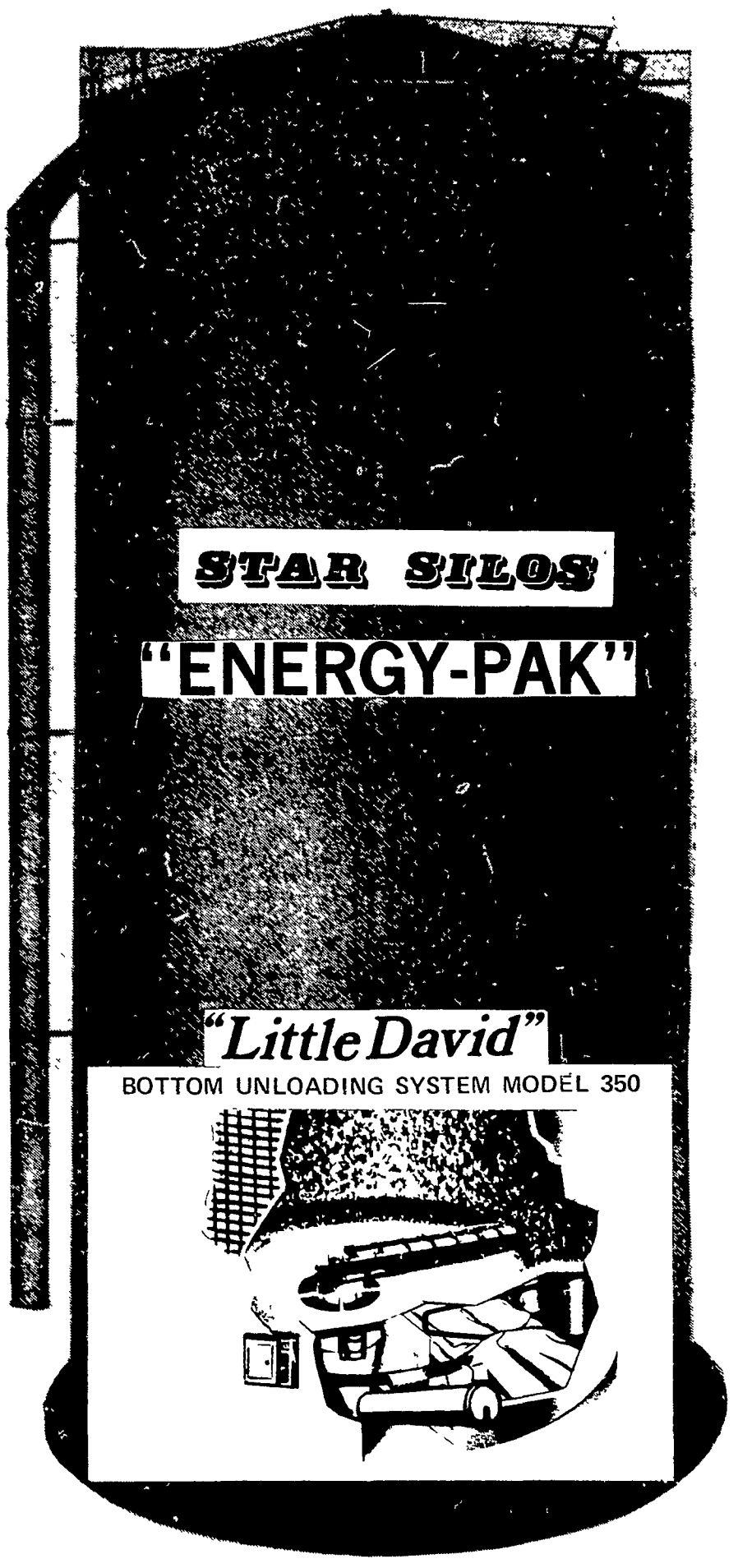


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# Carter praised for dropping natural resources plan

WASHINGTON, D.C. — The chairman and ranking minority member of the Senate Committee on Agriculture, Nutrition, and Forestry Wednesday praised President Carter for abandoning plans to create a new cabinet level Department of Natural Resources that would have included the U.S. Forest Service, an agency of USDA.

But Senators Herman E. Talmadge (D-Ga.) and Jesse Helms (R-N.C.) served notice that they would continue their all-out opposition to another reorganization plan that would shift the Rural Development Business and Industrial Loan program from USDA to the Department of Commerce.

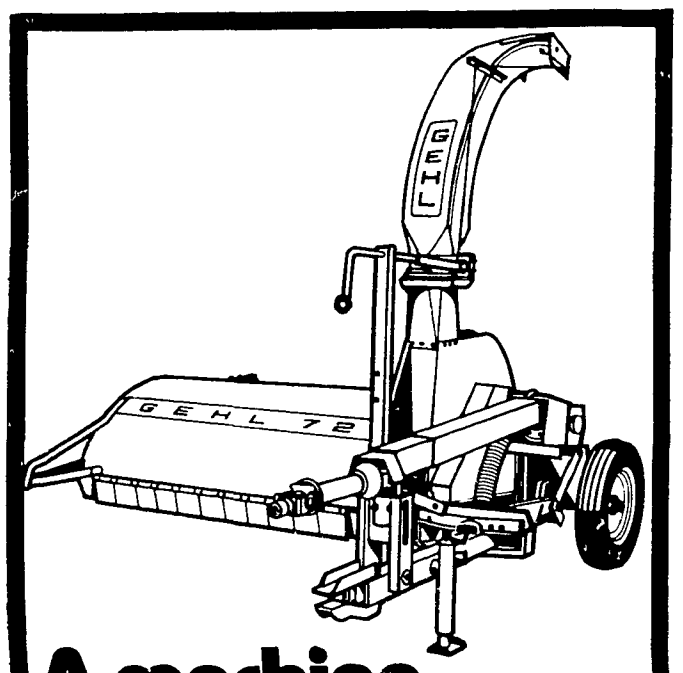
Members of the Senate Committee on Agriculture, Nutrition, and Forestry had been leading opponents of the proposed transfer of the Forest Service from USDA

In a joint statement, Talmadge and Helms said

"President Carter is to be commended for his decision to abandon the reorganization proposal to create a Department of Natural Resources that would have included the U S Forest Service The country thus will be spared a divisive fight in Congress that would have served no constructive purpose but would have been highly destructive to the efficiency and professionalism that have been traditional with the Forest Service since the Administration of Teddy Roosevelt.

We hope the President's wise decision will discourage further predatory raids on the functions and activities of the U.S Department of Agriculture by bureaucratic empire builders We especially hope that the President will likewise abandon another ill-conceived proposal that would transfer USDA's Rural Devlopment Business and Industrial Loan program to the Department of Commerce However, if he persists in this endeavor, we hereby serve notice that we intend to fight it with the same vigor that we opposed the Natural Resources plan.

We trust we have seen the end, once and for all, of the long-standing effort that predates the Carter Administration to relegate the Department of Agriculture to secondary status within the Federal government. Today and in the years to come, a strong and vital Department of Agriculture is increasingly essential to maintaining a healthy farm and rural economy and to meeting the food and shelter needs of the American people."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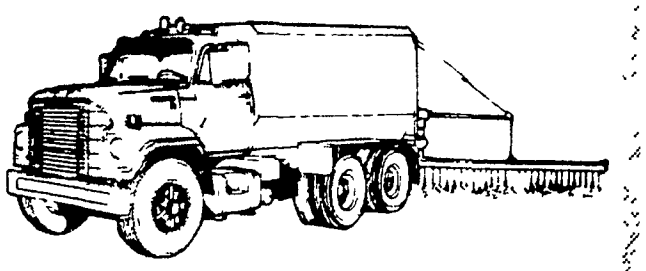

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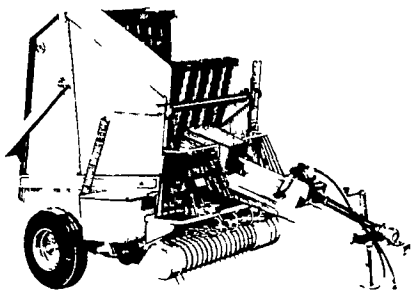

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| EQUIPMENT | JUNE 30, 1979 |
|---|---|
| **BALERS:** | |
| 336 | $125 |
| 346 and 410 | $175 |
| 466 and 510 | $250 |
| **MOWER/CONDITIONERS:** | |
| 1207 and 1209 | $150 |
| 1214 | $200 |
| 1380 | $250 |
| **MOWERS:** | |
| 350 and 450 | $50 |
| **RAKES:** | |
| 567 650 and 660 | $50 |
| 670 and 671 | $75 |
| **CHOPPER:** | |
| 16A | $100 |
| **SHREDDER:** | |
| 27 | $125 |
| **WINDROWERS:** | |
| 800 | $275 |
| 830 | $350 |
| 2280 | $550 |

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LANDIS BROS., INC.
Lancaster, PA
717 291-1046

JOHNSON BROS.
Kresgeville, PA
215-681-4766

EVERGREEN TRACTOR CO., INC.
Lebanon, PA
717-272-4641

# Ag students recognized

(Continued from Page 129)

Baltimore, Md.; Clare M. Evans, Chester, Va.; Patricia E. Forsythe, Media, Pa.; Patricia A. Forti, Middletown, N.Y.; Brian L. Gifford, Millville, N.J.; Robert K. Gore, Long Branch, N.J.; Jonathan P. Haliscak, Lexington Park, Md.; Mary C. Hartman, Newark; Kim A. Herrman, West Chester, Pa.; Cheryl L. Hirzel, Wilmington; Donald F. Kenney, Kennett Square, Pa.; Michael R Liberati, Bel Air, Md.; Dana R. Marshall, Wilmington; Lynn M. Orzol, Vestal, N.Y; Barbara A. Phillips, Wilmington; Debra A. Sager, West Chester, Pa., Matthew D. Seltzer, Woodmere, N.Y.; Nancy L. Shaffer, Philadelphia, Pa.; Jo Ann Stafford, Newark; Donna R. Studley, Laurel; Carla A. Vanderwende, Bridgeville; Susan E. Waeber, Wilmington; and Kenneth A. Yorkston, Wilmington.

Patrick J. Byrne of Wilmington; Roberta S. Greenspan, Bellmore, N.Y.; and Donna R. Studley of Laurel were named to Mortar Board. Byrne and Barbara J. Calkins of Newark were named to Omicron Delta Kappa.

Several students were named to Phi Kappa Phi. Randall W. Blackburn, Newark; Jody N. Booze, Towson, Md.; Ronnie M. Cain, Greenwood; Mary S. Eyring, Baltimore, Md., Kim A. Herrman, West Chester, Pa.; Lynne M. Nasta, Ronkonkoma, N.Y.; and Sandra Newman, Newark.

Bruce R. Runk, of Hallstead, Pa., received the Embassy of the Federal Republic of Germany Award for outstanding achievement in the German language.

Three students were recognized in the 1978-79 edition of **Who's Who Among Students in American Universities and Colleges:** Barbara J. Calkins, Newark; Nancianne E. Doyle, Trenton, N.J.; and Cynthia A. Fabian, Pottstown, Pa.

College Council Student Recognition went to Patrick J. Byrne, Wilmington; Christopher Dominic, Ocean View; Michael A. Hudson, Milton; and Jo Ann Stafford, Newark.

The Award for Outstanding Teaching in the College of Agricultural Sciences went to Dr. Robert B. Carroll, of the Department of Plant Science.

The Panel of College of Agricultural Sciences' Scholars includes Ann G. E. Levine, Newark; Ronnie M. Cain, Greenwood; Bruce R. Runk, Hallstead, Pa.; Christie A. Miele, Millburn, N.J.; Linda C. Siebert, Wilton, Connecticut; Ann C. Hartnett, Dover; Diane J. Troxell, Wilmington; and Tom P Oscar, Wilmington

The Panel of Department Scholars includes Thomas J Marshall, Wilmington (Agricultural and Food Economics); Carmine C Balascio, Wilmington (Department of Agricultural Engineering); Judith L. Passmore, Townsend (Animal Science and Agricultural Biochemistry); Brian M. Schneider, Wilmington (Entomology and Applied Ecology); and Eugene F. Raphel, Jr. (Department of Plant Science).

Finally, Recognition of Outstanding Senior Scholarship went to: Susan E. Adkins, Newark (plant science); Karen A. Bennett, West Chester, Pa. (animal science); Jody N. Booze, Towson, Md. (plant science); David K. Brauer, Wilmington (plant science); Elizabeth L. Bundick, Newark (plant science); Mary L. Casadevall-Keller, Newark (plant science); Robin E. Davis, Newark (animal science); Suzanne C. Dohrman, Newark (plant science); Nancianne E. Doyle, Trenton, N.J. (animal science); Mary S. Eyring, Baltimore, Md. (plant science); Cynthia A. Fabian, Pottstown, Pa. (animal science); Helen J. Hathaway, Lincroft, N.J. (plant science); Steven A. Kornblum, Bellmore, N.Y. (animal science); Julie L. Krentel, Media, Pa. (plant science); Joan E. Lukas Maloof, Elkton, Md. (plant science); Sandra Newman, Newark (plant science); Carolyn E. Palo, Newark (animal science); Laura E. Plaut, Fort Washington, Pa. (plant science); Stephen L. Radke, Aldan, Pa. (entomology/plant pathology); Barbara J. Rathbone, Wilmington (plant science); Geoffrey J. Shropshire, Hockessin (agricultural engineering technology); Denise A. Smith, Havertown, Pa. (plant science); Glenn P. Wagner, Point Pleasant, N.J. (plant science); and Earl R. White, Jr., Newark (animal science).

# State Grange supports gas tax increase

HARRISBURG - George Rodgers, secretary of the Pennsylvania State Grange, announced the Grange's support for a three cent per gallon increase on the gasoline tax, in Harrisburg, recently.

The proposal endorsed by the Grange included an annual escalator tied to the construction cost index.

"Since these tax revenues are usually for road repair," Rodgers said, "any increase would be made annually to keep pace with the cost of construction."

Rodgers added that this method of taxing for road repair revenues was more equitable than previous proposals.

"One problem with the six percent tax on wholesale gasoline was that price variations were so great across the state. Some areas would pay more into the tax than others."

Another problem Rodgers mentioned was the difficulty in determining who would pay the tax.

"Ultimately," Rodgers pointed out," the consumer would pay the tax."

However, the question remained, where would the original assessment come from: the distributor, the dealer, or the retailer?

With this new proposal, the original tax mechanism already exists.

"All we need now," concluded Rodgers, "is for the Legislature to approve the increase."

# New roaster meat line announced

WALPOLE, N.H. - The development of a meat line especially bred for the roaster market has been announced by Hubbard Farms, Walpole, N.H. The firm is noted for its broiler and commercial egg parent breeding stock.

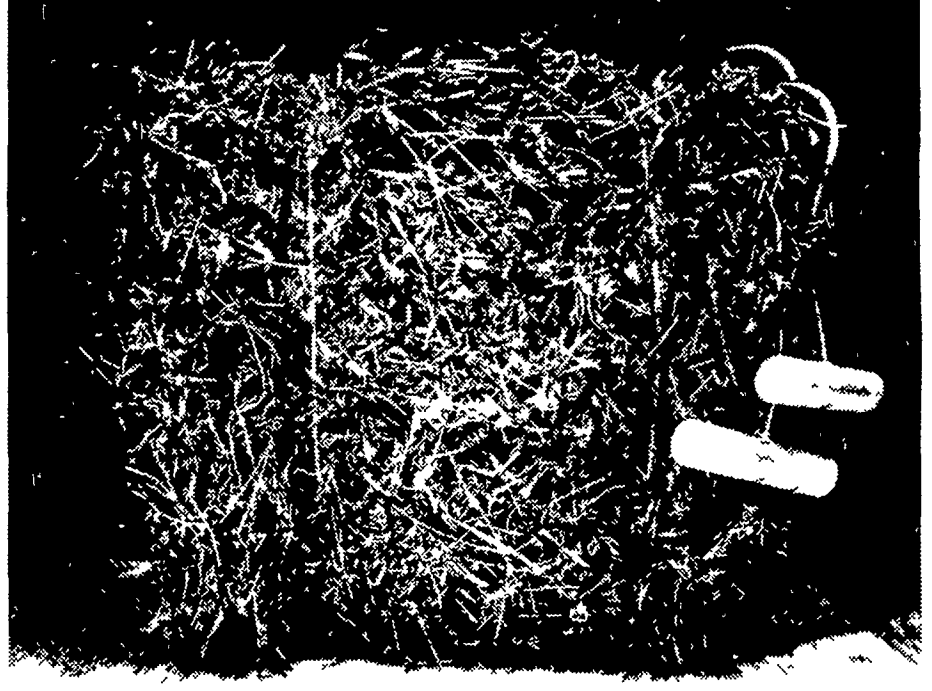
Roaster breeder pullets and males are available in limited quantities directly from Hubbard headquarters in Walpole. Parent stock performance is reported as "highly competitive."

"This new bird went on the drawing board several years ago," said a company spokesman. "Since then it has been part of an extensive development and testing program. We feel confident it's ready to take its place in the poultry meat production industry."

Roaster progeny are reported to grow efficiently, and to reach eight pounds, live weight, at approximately 13 weeks of age. Breast conformation, fleshing and feathering are reported by Hubbard Farms to be excellent. As a result, processing plants have found a high percentage in Grade A.

For further information and the availability of parent breeding stock, contact Hubbard Farms, Walpole, N.H. 03608.


SUPERHAY!



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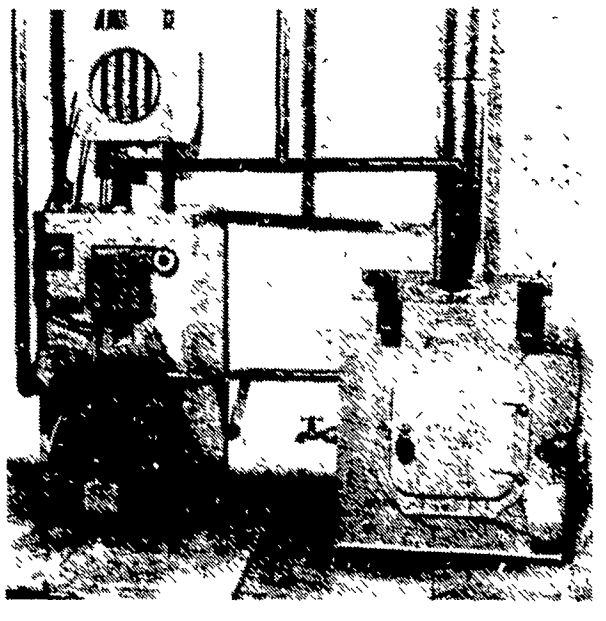

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# WHAT'S NEW

**SIDE-DELIVERY RAKE**

P.J. Zweegers en Zonen, a Dutch manufacturer of farm equipment announced the introduction of its new Side Delivery Haybob, the HS 360.

The new side-delivery rake gathers eight and a half feet of cut hay into one windrow when the two swath deflectors are in the outer position. On the second and all succeeding trips, the operator again rakes eight and a half feet of hay, thereby accumulating 17 feet of cut hay into a single windrow.

Zweegers manufactures two conventional haybobs, one with a working width of nine and a half feet and the other 16½ feet.

When windrowing, the HS 360 rakes the crop off to the side and the swath is formed on the left-hand side of the machine. A specially designed levelling board regulates the supply of hay into the two rotors and ensures even spreading under all conditions according to the company. The HS 360 can rake single windrows in heavy crop, rake two working widths of light crop together on one swath and can rake together or combine swaths.

The HS 360 does not spread cut crop wider than its working width — 12 feet for windrowing and 10 feet for tedding — thereby leaving a clear tractor path between the tedded grass and the crop to be raked on the next run. The HS 360 can be converted to clean raking and windrowing from tedding by folding down both swath deflectors and adjsuting the tine positions.

The spring loaded tines are maintained in the horizontal position by centrifugal force and return to a vertical position when the rotors stop. If the tines hit an obstruction, they can pivot out of the way to reduce breakage. The tines are also designed so that the crop slides off easily, thus avoiding tangling around the rotors and wheels says the manufacturer. The rotor speed is 180 r.p.m.

The HS 360, as well as conventional haybobs made by Zweegers, are available through local farm equipment dealers across the country or the company's U.S. distributors.

For more information contact J.S. Woodhouse Company, Inc., P.O. Box 900, 1314 Union St., West Springfield, Mass. 01089.

**HINGED FASTENER**

The 187 model hinged fastener, for high-strength, lightweight conveyor belting, has been introduced by Flexible Steel Lacing Company.

The 187 is available in steel, stainless steel and MegAlloy(R) (a hardened steel alloy). It fits midway in capability between Flexible Steel Lacing's existing 125 and 310 model fasteners. All are fastened with hammered-in staples. They offer long, reliable service on such applications as light and medium duty conveyor belts, mail and package handling, product and parts handling, and a wide range of agricultural applications, according to the company.

Belt thickness range for the 187 fastener is 3/16 inch to ¼ inch (4.8 mm to 6.4 mm). Recommended minimum pulley diameter is 4 inches (102 mm).

It's available with a variety of hinge pins to suit varying applications ... including a cable hinge pin for troughing conveyors.

Fasteners are provided in one-piece, continuous strip to fit any belt width. Company says this ensures a strong, straight splice, with uniform tension across entire joint.

Installation is with a hammer and hand-carried applicator tool.

The 187 fastener, and the 125 and 310 fasteners, are described in a Flexible Steel Lacing Company brochure (Bulletin # AS110) free by writing or calling the company at 2525 Wisconsin Avenue, Downers Grove, Ill. 60515. (312) 971-0150.

**HI-VU EARTAG**

HI-VU, a new stand up eartag from Allflex, is now available to dealers from western marketing agent Vet Brand, Torrance, California and eastern marketing agent G. C. Hanford Manufacturing Company, Syracuse, N.Y

Cattlemen and dairymen who have used the regular Allflex eartag system will find the HI-VU Eartag to have even greater readability from both front and rear according to the manufacturer. It is applied with the same Allflex applicator system that locks the tag permanently on the ear. It attaches to the top of the ear and stand vertically above and away from any hair cover. One-piece construction with an exclusive central triangular base anchors the HI-VU Eartag upright. This product is recommended for use on cattle nine months and older.

Allflex HI-VU Eartags are available in highly visible yellow and orange tags are numbered both front and back with 1¾-inch numerals. Tags are also available in letters, codes or logo designs

The Allflex Hi-VU Eartag is distributed in the 20 western states by Vet Brand, 22599 South Western Avenue, Torrance, Calf 90801, points east by G. C Hanford Manufacturing Company, Box 1017, Syracuse, N.Y 13201

**IRRIGATION EQUIPMENT**

Mobile irrigation equipment is now availble for land application of animal wastes using Lindsay Manufacturing Company's new Mobile Pivot.

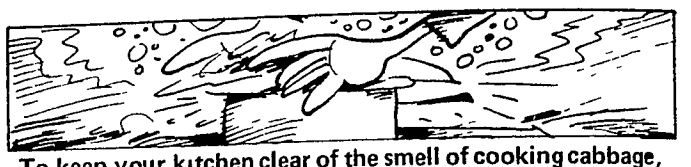
The Mobile Pivot has been designed for use on large or small, regular or irregular-shaped application sites. It is capable of applying wastes to areas from 10 to 40 acres per setting...then readily moved to the next location, according to the company.

Mobility between locations is a one-man operation. The tower wheels are readily rotated to the transport position and the quick-attach tongue is easily connected to a tractor or pickup truck The Zimmeratic Mobile Pivot rides on pneumatic rubber tires mounted on the pivot tripod for maximum mobility.

The Mobile Pivot is available with all the usual center pivot equipment options, plus an optional self-contained power source. This option includes a 5 KW generator powered by an 8 hp diesel engine complete with a larger fuel tank and an electric starter.

Although the Mobile Pivot is normally equipped with low pressure spray nozzles or impact sprinklers for irrigation, a manure handling option is available for use as an efficient animal waste handling system.

For more information contact the Waste Applications Division, Lindsay Manufacturing Company Columbus, Neb. 68601.



To keep your kitchen clear of the smell of cooking cabbage, cover the pot lid with a cloth wrung out in vinegar.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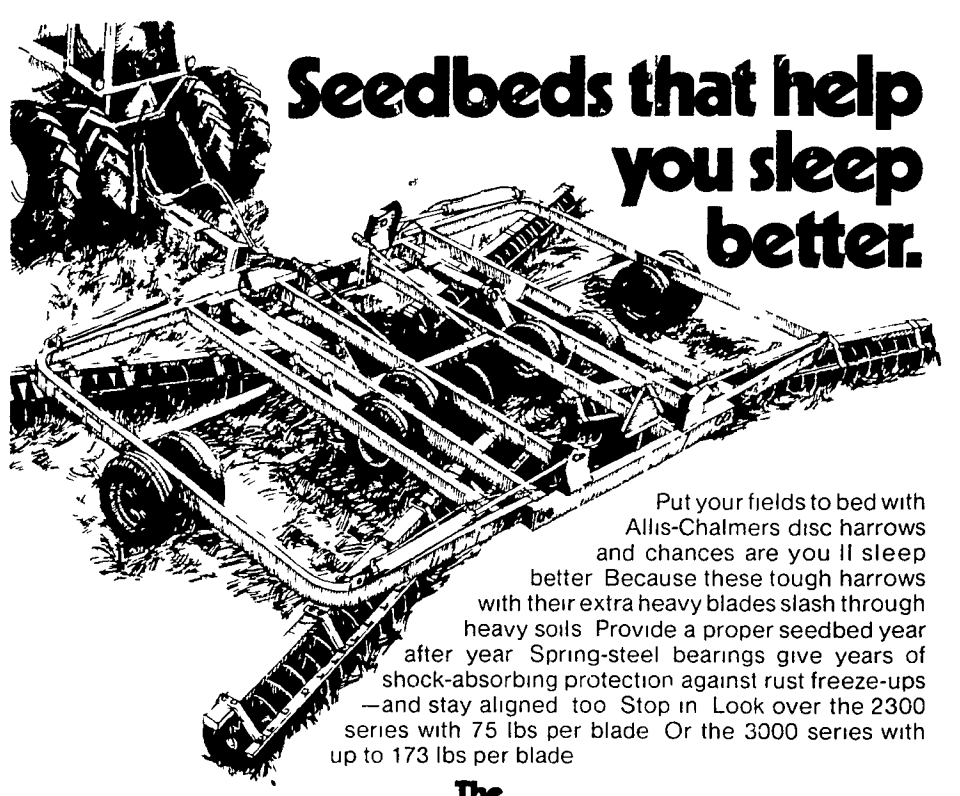

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# Kempton Country Fair set for June 15-17

KEMPTON — Top country-western talent is in the offing at the Kempton Country Fair when it opens this year for its annual weekend run on Friday, June 15, through Sunday, June 17.

But there's more in store — not only a weekend crowded with entertainment, and fireworks, but an entire community celebrating, come rain or shine, the 25th birthday of this annual festival.

Leading the roster of entertainers, Billy Walker, a five-times repeat by popular request, officially will open this year's events. His shows are scheduled for 7, 9 and 11 p.m. on the covered stage.

This favorite country-western star, a regular of the Grand Ole Opry for 19 years, has long captured his audiences with songs and chatter and is a family favorite through his many appearances on such fun programs as "Hee Haw," "Pop Goes the Country" and major talk shows.

Saturday evening, Lamar Morris, backed by Steve Lake and the Swingmasters, has been signed to entertain in three evening shows. Best known for his song, "Eleven Roses," which he wrote for his brother-in law, Hank Williams, Jr., he is equally versatile singing and playing his guitar.

During a Saturday afternoon program, the Eastment Quartet from Lansdale have been scheduled to perform.

The Jack Green — Jeannie Seely Show will be a Sunday afternoon feature with their final performance at 10 p.m. Often described as the best shown on the road, Jack, Jeannie and the Renegades concentrate on a show for everyone — from country to rock, progressive to bluegrass — and with a little old-fashioned gospel tossed in for good measure.

With this year's fair planned as a gala celebration, fair officials have scheduled the Great Erick to perform on the high wire. Known as the "Golden Boy of the High Wire," he will perform daily.

"We've really planned something for everyone — and something for every minute," said Dennis Fitzgerald, president of Kempton Community Center which sponsors the fair.

This year will be the first fireworks display planned for Saturday evening with the raindate on Sunday. Also new this year will be the A.S.A. Class C Slow Pitch Soft Ball games held each day.

As in previous years, there will be tractor pulling contests on Friday and Saturday, a garden tractor pull on Saturday morning and a jeep rodeo Saturday afternoon.

The baking contest, an annual favorite, will be held Saturday afternoon and is open to both sexes and all ages.

New last year and a genuine crowd pleaser was the Fireman's Water Hose Competition which has been planned for Sunday afternoon.

And, the highlight of the fair, will be the selection of Es Lieblichst Maedel, the Pennsylvania Dutch Queen. During the three-day fair, contestants vying for the honor will appear in numerous programs and events which will culminate in the final moment during which the new Pennsylvania Dutch Queen will receive her crown from the 1978 winner.

MILK
SO GOOD SO NUTRITIOUS

# $32 billion farm export market predicted

WASHINGTON, D.C. - Secretary of Agriculture Bob Bergland, points out that U.S. farm exports are expected to hit $32 billion this year. That's nearly $5 billion above last year's record high.

It's also "over five times what our farm exports were 10 years ago," Bergland says. And, he adds, "it will mean added farm income, more jobs producing and exporting farm products, and another hefty contribution to this nation's balance of trade."

He said USDA's quarterly export outlook, issued last week, forecasts agricultural exports at $32 billion for fiscal 1979 that ends Sept. 30, and imports of $16 billion.

"That means $16 billion in foreign exchange will be earned by agricultural trade to be applied to the purchase of oil and other imports this industrial society needs," Bergland said. "This will be good for the dollar in the international market where the rise and fall of a currency depends heavily on a country's balance of trade."

The farm export forecast indicates most of the expected 17 percent growth from last fiscal year's $27.3 billion agricultural export total will come from higher prices. But, export volume is also seen up four percent from last year's record high of 122 million metric ton level.

Bergland said "The agreements reached in the Yokyo Round, which will go to Congress next month for approval, will reduce trade barriers and improve trading rules for agriculture. That will help us to build toward $40 billion in annual exports, and this might come sooner than we think. After all, the goal when I was first elected to Congress in 1970, was for agricultural exports to hit $10 billion a year by 1980."

# Machinery caravan club

STATE COLLEGE - Farmers in southcentral Pennsylvania are invited to get a first-hand look at some of the newest forage harvesting and tillage equipment when the Fox/Brady Demo Caravan comes to Pennsylvania May 30 and June 1, according to company officials.

The Fox/Brady Demo Caravan will be at State College, on May 30, sponsored by R. T. Markle Implement of State College. On June 1, the caravan will be at Ono, Pennsylvania, sponsored by Shuey Sale and Service of Ono. These dealers can provide directions to both demonstration sites.

The equipment demonstration is intended as a chance for farmers to operate the Fox forage harvesters, see the new Brady 3250 field cultivator, and to talk to experts about forage harvester management.

Featured at the demo caravan site will be new Fox PTO and self-propelled forage harvesters. Both harvesters will be equipped with hay heads, but included in the show will be Fox's all rubber-belted corn head, as well as the new Auto-Bev knife sharpener, the only automatic knife sharpener available.

There will also be a drawing for a Whirlpool microwave oven at 2 p.m., and a "cap swap". Farmers bringing their old caps can trade them in for a new Fox/Brady cap. Refreshments and lunch will also be served.

Fox forage harvesting equipment and Brady tillage tools are products of the Koehring Farm Equipment Division, Appleton, Wisconsin.

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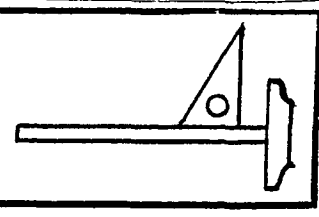

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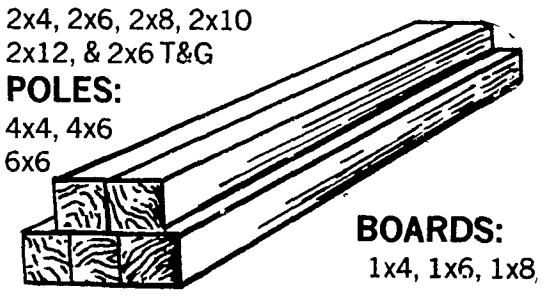

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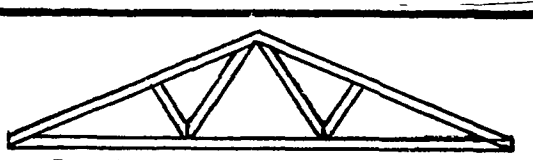
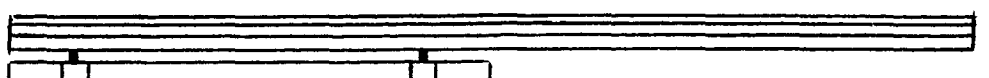


WOOD ROOF TRUSSES



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# Farmer-employer responsibilities outlined

By JOAN LIESAU

EPHRATA — Farmers wear other hats during their lifetime, and one of those hats may be the hat of "Mr. Employer," stated Jan Carson at the Ephrata Young Farmers Association meeting held May 15 at the Ephrata High School.

Carson, who is head of the Pennsylvania Agricultural Employers Division of the Pennsylvania Farmers Association, discussed the many aspects of being an employer.

"Pennsylvania has many exemptions" she said, and agriculture is exempt up to a certain point. Agriculture has always been excluded from the requirements of compensating it's unemployed workers. In 1977 Congress expanded the Unemployment Compensation Law to include workers who were previously not eligible. The Pennsylvania General Assembly implemented the Federal mandate by the passage of Act No. 22 of 1977.

In 1978, agricultural workers became eligible for Unemployment Compensation benefits.

Certain agricultural employers in Pennsylvania, and all other states, will be required to contribute to the Unemployment Compensation Fund.

This compensation system is funded through the use of an insurance strategy - that is, a person or company accepts a small known cost in order to avoid the probability of an unknown cost. An employer who must lay off a number of his employees would be in very poor financial position to pay unemployment compensation, whereas, the employer who rarely lays off workers would have an opportunity to build a reserve.

Jan Carson

"Dairy farmers have the highest worker compensation of all," Carson said. "Workers compensation has a direct tie-in with farm safety. The farm accidents have increased however, in all areas. We have to give a safe and healthy place for employees to work," she added.

Who will be assessed?

If you are an agricultural employer who has paid cash wages of $20,000 or more in a calendar quarter for services performed in agriculture, you will be assessed:

If you have employed 10 or more workers performing agricultural services in each week for 20 weeks, regardless of whether they were employed at the same time; or,

If you have registered under the Farm Labor Contractors Registation Act; or,

You have contracted for agricultural services when substantially all members of the crew operate or maintain harvesting equipment.

Single transaction contracts are not included when there is a primary employer other than the agricultural employer.

The entry rate for newly covered employers is 2.7 per cent. The rate will remain constant for about three years. After that time an "experience rate" will be established based on the number of claims which may have been made to the farmer's account. All covered employers will pay federal unemployment compensation tax on each employees' wages up to $6000 annually.

"With workers compensation, you can't be sued," Carson said. "Workers compensation is well worth it in that respect. Farmers tend to use workers compensation as an insurance policy for their family." she said "If you have a 15 to 16 year old and you have established an employer-employee relationship," Carson suggested the youth be put on the program. But, she emphasized, "I hope no one is trying to supplement workers compensation for a family hospitalization program" Carson added that "You don't try to beat the law, you try to comply with the law the best way you can."

As of January 1, 1978, agricultural employers began paying the same minimum wage as non-farm employers. However, agriculture is exempt from over-time provisions.

If a farmer has used 500 man-days of agricultural labor in any calendar year, or, if a farmer produces good directly or indirectly for Interstate Commerce who has an annual gross volume of at least $265,000, he is subject to paying federal minimum wage

Members of an employer's immediate family however, are exempt from minimum wages.

"Don't let a youngster work for you without a work permit," Carson emphasized. A full-time student must provide the employer with a Work Permit issued through his School District. Additionally, employment records should list the date of birth.

If a student-employee is under 15, PFA recommends that written permission be obtained from the parent or gaurdian and retained by the employer Carson said "I do not recommend hiring a kid under 14 to work on a farm, even if they have worked on the farm all their life." Carson said that there were too many risks involved. "Pennsylvania has a list of hazardous occupations, with many jobs that youngsters under 16 an 18 can not perform."

"You are obligated to obey the child labor laws. If you are an employer, you should know what the hazards and laws are.

In other areas, Carson suggested the farmer-employer keep a personal card on every employee. The cards should contain a minimum of the employees name, social security number and period of employment (for worker compensation reference).

Carson maintained that OSHA now has "new regulations with devistating effects." Now any farmer with 10 or more employess anytime in the previous 12 months is a suspect for OSHA inspection. If for a few days, for a variety of reasons

(Turn to Page 136)


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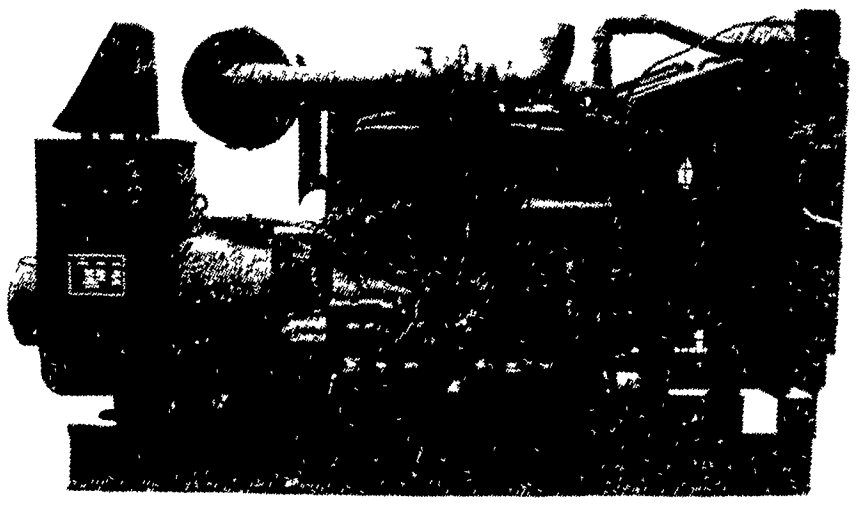

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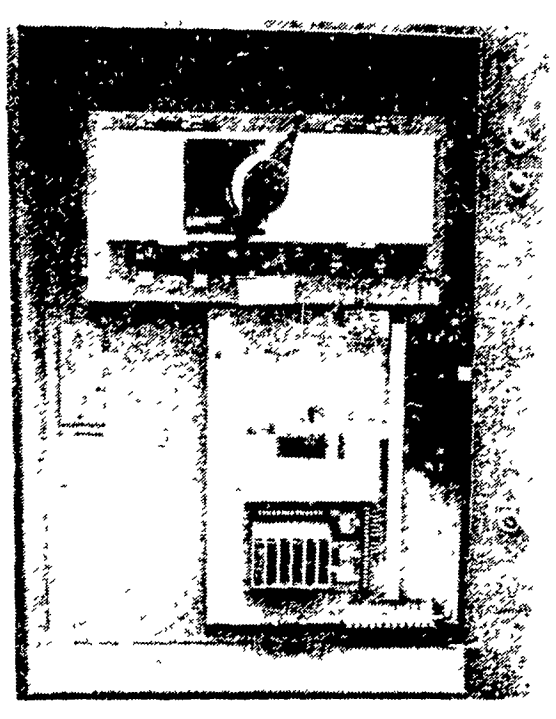

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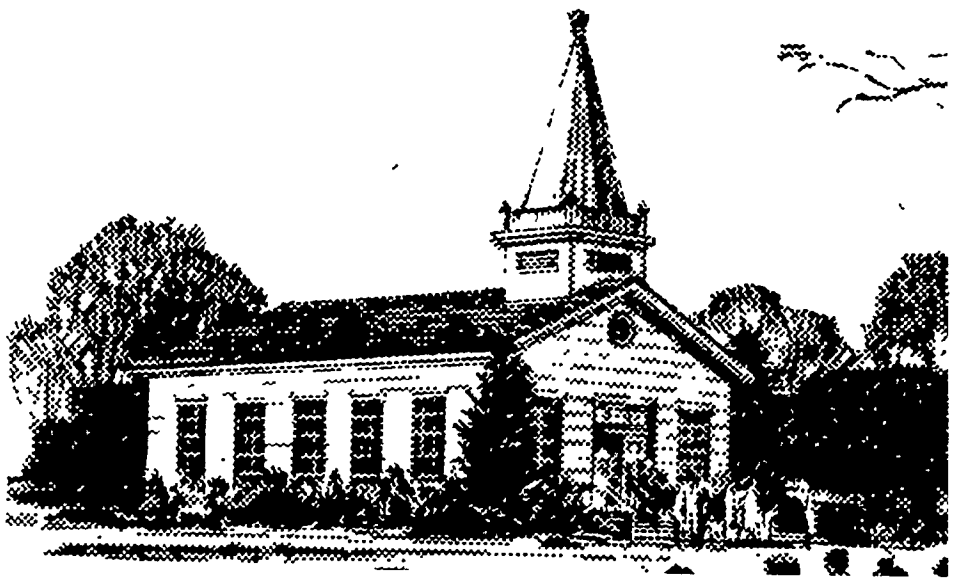

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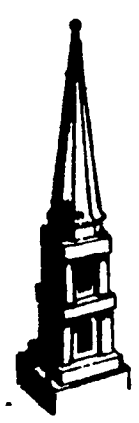

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# U. of D. geneticist receives course improvement grant

NEWARK, Del. — University of Delaware plant geneticist Dr James A. Hawk has received a National Science Foundation Local Course Improvement (LOCI) grant to develop plant genetic materials for teaching. LOCI grants are awarded on a competitive basis to science faculty members who offer timely and important proposals for improving undergraduate science instruction.

Dr. James A. Hawk

Until now, students of plant science have had to rely on a member of the animal kingdom for their laboratory study of genetics — **Drosophila melanogaster,** the fruit fly. After an extensive search, Hawk has found that **Brassica campestris L.,** or field mustard, stands alone as a suitable equivalent to the fruit fly. The plant meets all the necessary requirements. It's easy and inexpensive to grow, and doesn't require excessive space. The flower is large enough for easy handling and observation by inexperienced students. The plant can be pollinated without magnification, yet it's structured in such a way as to make accidental pollinations unlikely.

The field mustard produces the large number of seeds needed for observations of genetic ratios among offspring Several genetic mutations are easy to recognize. And most important, the plant has a very short reproductive cycle. It flowers just 14 days after sowing. Assuming, then, that the parent plants are in flower during the first week of classes, students would have time to design and conduct their own inheritance studies and write a term paper during a 14- or 15-week semester.

Firsthand experience with a higher plant such as **B. campestris** benefits students by introducing them to the real, unsolved problems faced by professional plant breeders. Undergraduates ordinarily don't have much opportunity to learn sophisticated breeding techniques within the time constraints of the 14 or 15 week semester. Hawk will spend the next two years developing and evaluating teaching materials from the short-life-cycled **B. campestris** populations.

Hawk feels that **B. campestris** has the potential to be used to illustrate a number of seldom-taught breeding techniques now in commercial usage. For instance, a cytoplasmic male sterility is a system that is used to make hybrids in corn, sunflowers, sorghum, and onions Pollen is not functional in male sterile plants, so such plants must be cross-pollinated. Sterile systems exist in related species, so Hawk will investigate whether this is a possibility with field mustard.

Self-incompatability is another system used by commercial plant breeders to create hybrid cabbages, radishes, and turnips. In this case the plant has a way of recognizing and rejecting its own pollen.

A third practical genetic phenomenon that's often overlooked in genetics class is inbreeding depression In many plants, particularly cross-pollinated plants such as corn, fertilizing a plant with its own pollen results in yield depression in the offspring. The offspring are weak and don't yield well However, crossing certain inbreds can result in restoration of vigor This practice is responsible for today's high-yielding corn varieties.

Haw also plans to use the field mustard plant to illustrate quantitative inheritance Since B. campestris is a higher plant, several traits are controlled by more than one gene, just as human height is controlled by more than one gene Most undergraduates only study single gene traits, such as eye color in fruit flies However, corn yield is an example of quantitative inheritance, so students who learn how this works at the undergraduate level may become better problem solvers in the future.

Hawk will spend the next 12 to 18 months applying the various breeding techniques to **B. campestris.** Then he'll spend the remaining months introducing the plant materials to students in his lab courses to get their feedback

## Farmer

(Continued from Page 134)

(to put in hay, cut corn, etc.) a farmer may hire 10 or more employees, he is subect to OSHA. "This puts a lot of farmers in jeopardy" Carson affirmed.

When the employer exceeds 10 or more employees, he must maintain a form provided by OSHA. Injuries and fatalities must be be reported to OSHA within 24 hours. Other regulations are involved.

"Labor Unions are a "touchy subject in some parts of Pennsylvania," Carson said. Unions are in the mushroom areas of Chester County. A union has gone through Ohio and New York, so the whole idea of the union "is pretty close to home,"says Carson.

"You must treat your employeess with respect and dignity. Pay fair wages, and treat him hou you expect to be treated." Carson maintained that is important to know what is happening with laws and how these laws apply to your personal situation. She also suggested you know what is happening to your fellow farmers.

For more detailed information on these subects, contact the Pennsylvania Agricultural Employers Division, Box 736, 510 S. 31st Street, Camp Hill, Pa. 17011, (717-761-2740).

## WHAT'S NEW

APPLETON, Wis. - A new direct cut head is now available for Fox models 2250, 2310 and 3310 PTO forage harvesters, according to Fox engineers.

The new Fox 407 direct cut head cuts a 7-ft., 30-in swath of tall grasses or legumes. A 20-in. auger with retractable fingers feeds the freshly cut forage into the cutting cylinder fast and evenly for maximum capacity. The cutter bar, which is controlled by a double track cam, inclines forward to insure that stems are cut cleanly.

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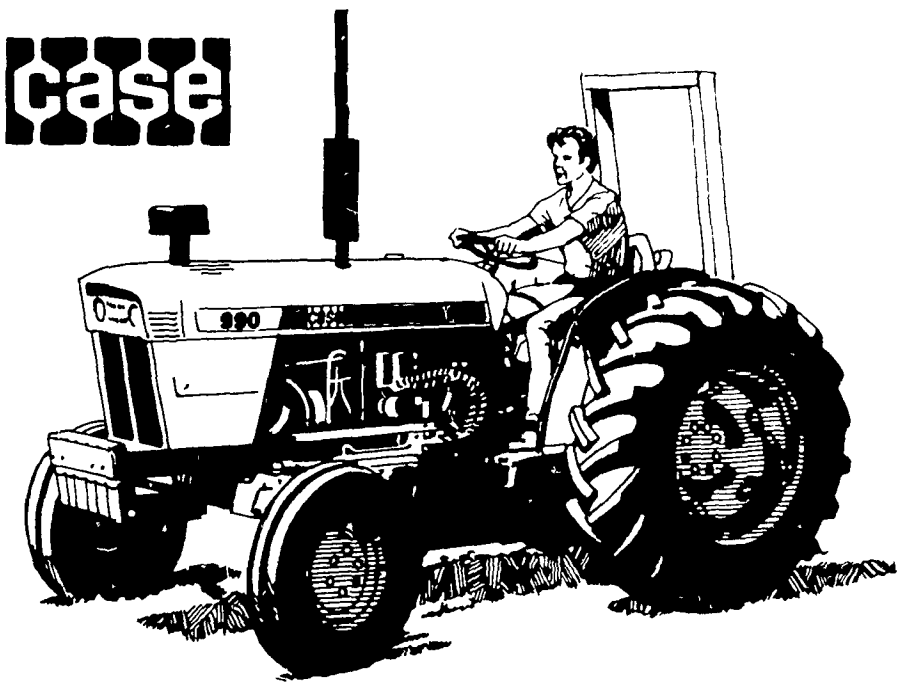

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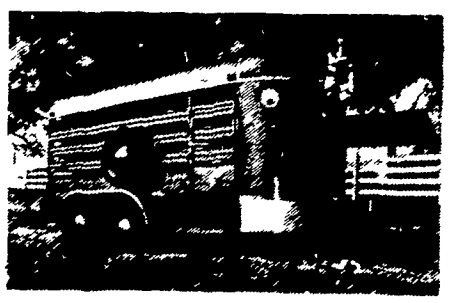

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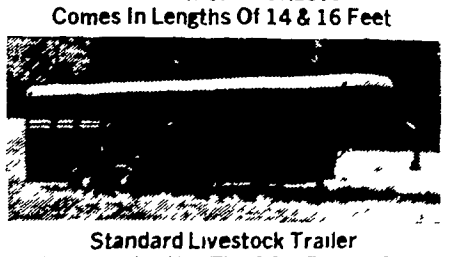

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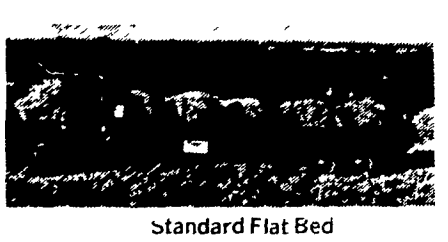

Standard Flat Bed Trailer

# CUMBERLAND COUNTY DHIA Monthly Report

**APRIL 1979**

Cumberland County Dairy Herd Improvement records show that 5,915 cows in 99 herds were on production testing in April according to Duane G. Duncan, County Agent. Of the 84 herds on DHIA, 56 herds had an average fat of 1.50 pounds per cow per day for the month. During the month 78 completed their 305 day lactation with 600 lbs. of butterfat. DHIA supervisors working with the dairymen to improve efficiency include Harold Boldosser, 130 Old Gap Road, Carlisle, Diane M. Cain, Box 121, Shippensburg and Jay Zeigler, Carlisle.

| OWNER BREED | NO COWS | % DAYS IN MILK | LBS MILK | % FAT | LBS FAT |
|---|---|---|---|---|---|
| Nevin Shughart B3 | 31 | 86 | 64 2 | 3 3 | 2 12 |
| Sundays Vallilea Fms. B3 | 113 | 96 | 55 2 | 3 7 | 2 05 |
| Alfred Gaisler B3 | 44 | 99 | 53.3 | 3 7 | 1.97 |
| Elmer Gettle B3 | 41 | 85 | 50.1 | 3.9 | 1.97 |
| D. Clinton Sauder B3 | 47 | 95 | 54.7 | 3.6 | 1 95 |
| M. Thomas Sheaffer 3 | 45 | 85 | 50.6 | 3.8 | 1.92 |
| Norman Hertzler 3 | 42 | 94 | 50.1 | 3.8 | 1.89 |
| Freshair Dairy Farm B3 | 47 | 89 | 50.0 | 3.8 | 1.88 |
| Edward L. Brackbill B3 | 30 | 97 | 49.7 | 3.7 | 1.85 |
| Thrush Brothers B3 | 99 | 96 | 47.6 | 3.9 | 1.85 |
| Fred B. McGillvray B3 | 33 | 95 | 50.4 | 3.7 | 1.84 |
| Lee G. Davidson 3 | 52 | 93 | 47.4 | 3.9 | 1.83 |
| J. Glenn Glesner 3 | 46 | 91 | 54.7 | 3.3 | 1.82 |
| Herbert B. Shughart B3 | 25 | 100 | 53.6 | 3.4 | 1.82 |
| J. Shephard Wolf 3 | 49 | 90 | 49.8 | 3.7 | 1.82 |
| Mark E. Leinaweaver B3 | 27 | 90 | 50.3 | 3.6 | 1.81 |
| Creedin C. Cornman 3 | 31 | 88 | 47.3 | 3.8 | 1.81 |
| Robert H. Jamison 3 | 26 | 87 | 48.3 | 3.7 | 1.80 |
| L. Louise Alexander B3 | 28 | 100 | 47.6 | 3.8 | 1.80 |
| John F. Stoltzfus B8 | 38 | 87 | 50.0 | 3.6 | 1.79 |
| John E. Lapp B3 | 42 | 92 | 47.0 | 3.8 | 1.79 |
| Paul Strock 3 | 120 | 91 | 49.9 | 3.6 | 1.78 |
| Chester C. Weaver B3 | 67 | 92 | 46.1 | 3.9 | 1.78 |
| Harold E. Weaver, Jr. B3 | 44 | 93 | 46.8 | 3.8 | 1.77 |
| Charles L. Nehf B3 | 37 | 92 | 48.6 | 3.6 | 1.76 |
| Glenn W. Myers B3 | 45 | 95 | 51.1 | 3.4 | 1.74 |
| D. Lehman 3 | 74 | 92 | 48.8 | 3.6 | 1.74 |
| Fred & Chris McGilvray B3 | 38 | 90 | 47.1 | 3.7 | 1.74 |
| Willard Bought B3 | 26 | 90 | 43.8 | 4.0 | 1.74 |
| Kruger Dairy Farm B3 | 34 | 96 | 42.6 | 4.0 | 1.72 |
| Carl Kelso, Jr. B8 | 62 | 94 | 51.9 | 3.3 | 1.71 |
| John M. Lippert B3 | 35 | 89 | 50.7 | 3.4 | 1.71 |
| Leroy Chestnut B3 | 47 | 95 | 48.4 | 3.5 | 1.71 |
| Roy L. & James Miller B3 | 48 | 92 | 46.5 | 3.7 | 1.71 |
| Robert Strock 3 | 83 | 91 | 45.5 | 3.7 | 1.69 |
| Oscar Nealy & Sons B3 | 74 | 90 | 48.1 | 3.5 | 1.68 |
| Roy E. Snoke 3 | 32 | 97 | 47.8 | 3.5 | 1.68 |
| Kenneth E. Zeigler 3 | 29 | 95 | 43.4 | 3.8 | 1.67 |
| Milk Way Farms B3 | 157 | 94 | 48.5 | 3.4 | 1.66 |
| J. Douglas Martin B3 | 82 | 89 | 48.2 | 3.4 | 1.66 |
| Samuel D. Shenk B3 | 49 | 88 | 48.1 | 3.4 | 1.65 |
| Lee A. Hoover, Jr. B3 | 30 | 90 | 45.0 | 3.7 | 1.65 |
| Berkheimer Farms B3 | 121 | 84 | 45.6 | 3.6 | 1.64 |
| Henry & Yvonne Friese B3 | 52 | 92 | 50.8 | 3.2 | 1.62 |
| Paul O. Dyarman 3 | 54 | 90 | 42.5 | 3.8 | 1.60 |
| E. Lee Oller & Son B3 | 41 | 94 | 43.6 | 3.6 | 1.59 |
| Larry L. Crider B3 | 61 | 84 | 49.5 | 3.2 | 1.56 |
| K. Hale & N. Burkholder B3 | 47 | 76 | 42.7 | 3.7 | 1.56 |
| Sandrod Farms B3 | 37 | 84 | 42.2 | 3.7 | 1.56 |
| Her Joy Farms B8 | 35 | 94 | 36.6 | 4.3 | 1.56 |
| Fred Naugle 3 | 52 | 83 | 40.1 | 3.8 | 1.54 |
| J. B. Brymesser & Sons B3 | 203 | 87 | 40.2 | 3.8 | 1.51 |
| John F. Stamy III 3 | 108 | 88 | 38.9 | 3.9 | 1.51 |
| Gerald W. Gayman B3 | 31 | 90 | 39.5 | 3.8 | 1.50 |

(Turn to Page 138)


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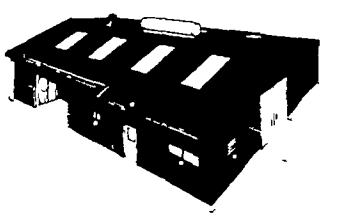

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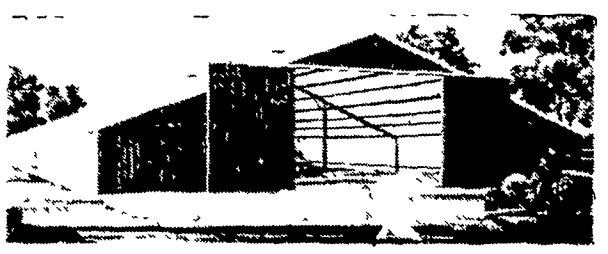

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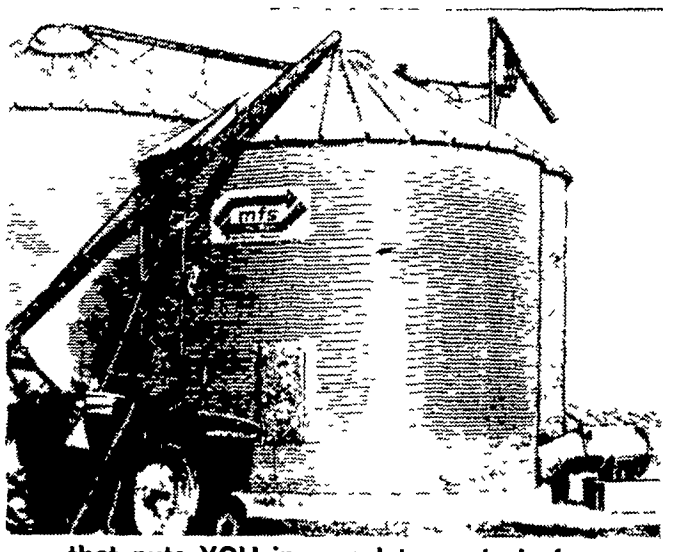


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# Cumberland County DHIA

(Continued from Page 137)

| OWNER NAME OR NUMBER | BREED | AGE | DAYS IN MILK | LBS MILK | % FAT | LBS FAT |
|---|---|---|---|---|---|---|
| K. Hale & N Burkholder | | | | | | |
| Rita | | | 5 | 20,906 | 3 4 | 707 |
| Theda | | | 4 | 18,633 | 3 6 | 667 |
| Elmer Gettle | | | | | | |
| Shelly | | | 2 | 14,618 | 4 4 | 647 |
| Jeffie | | | 2 | 14,071 | 4 6 | 650 |
| Herbert B. Shughart | | | | | | |
| Karen | | | 7 | 17,427 | 3 5 | 603 |
| Charles L. Nehf | | | | | | |
| Ixy | | | 4 | 17,918 | 3 7 | 669 |
| John H. Staub | | | | | | |
| Mini | | | 4 | 14,706 | 4 1 | 605 |
| D. T. McCullough Unit 2 | | | | | | |
| 154 | | | 5 | 18,419 | 3.7 | 681 |
| 192 | | | 9 | 17,234 | 4 1 | 705 |
| 167 | | | 5 | 15,772 | 3.8 | 602 |
| Ashcombe Dover Dairy | | | | | | |
| 279 | | | 4 | 15,677 | 4 0 | 629 |
| Paul Basehore | | | | | | |
| Vicki | | | 7 | 16,105 | 4.3 | 697 |
| John F. Stamy III | | | | | | |
| 14 | | | 4 | 18,163 | 4 0 | 732 |
| 75 | | | 6 | 17,208 | 4.0 | 688 |
| 4 | | | 5 | 16,762 | 4.2 | 712 |
| Robert H. Jamison | | | | | | |
| Amy | | | 6 | 18,280 | 3.7 | 677 |
| Mark E. Lemaweaver | | | | | | |
| Cindy | | | 4 | 19,162 | 3.5 | 664 |
| Carl M. Haas | | | | | | |
| April | | | 6 | 18,997 | 3.9 | 749 |
| Abigail | | | 5 | 16,416 | 3.7 | 615 |
| Princes | | | 9 | 13,548 | 4.5 | 616 |
| Oscar Nealy & Sons | | | | | | |
| 25 | | | 5 | 19,111 | 3.6 | 682 |
| 380 | | | 4 | 17,583 | 3.4 | 603 |
| Harold E. Weaver, Jr. | | | | | | |
| 50 | | | 4 | 18,309 | 4.2 | 775 |
| 32 | | | 5 | 17,839 | 3 8 | 683 |
| Berkhiemer Farms | | | | | | |
| 48 | | | 8 | 19,927 | 3.6 | 727 |
| 50 | | | 6 | 18,886 | 3.2 | 602 |
| 80 | | | 6 | 17,621 | 3.5 | 623 |
| 54 | | | 6 | 14,691 | 4.2 | 611 |
| 112 | | | 3 | 14,511 | 4.2 | 608 |
| Henry & Yvonne Friese | | | | | | |
| 9 | | | 8 | 21,188 | 3.3 | 703 |
| 25 | | | 10 | 18,463 | 3.3 | 609 |
| Nealy Brothers | | | | | | |
| 95 | | | 4 | 15,847 | 4.0 | 634 |
| Wm. F. & Susan Dietrich | | | | | | |
| Dolly | | | 7 | 12,643 | 4.7 | 600 |
| John F. Stoltzfus | | | | | | |
| Babs | | | 9 | 22,416 | 3.2 | 727 |
| Cindy | | | 3 | 20,143 | 3.6 | 728 |
| Emmy | | | 8 | 18,265 | 3.7 | 684 |
| M. Thomas Sheaffer | | | | | | |
| Regal | | | 11 | 20,201 | 3.9 | 796 |
| Donald T. McCullough | | | | | | |
| 26 | | | 9 | 14,834 | 4.9 | 731 |
| 19 | | | 5 | 13,992 | 5.0 | 697 |
| Norman Hertzler | | | | | | |
| Laura | | | 10 | 21,335 | 3.2 | 682 |
| Joy | | | 7 | 16,150 | 4.0 | 652 |
| Paul R. Cornman | | | | | | |
| Betty | | | 4 | 18,818 | 3.6 | 669 |
| Sundays Vallilea Fms. | | | | | | |
| 150 | | | 7 | 22,075 | 3.4 | 751 |
| John M Lippert | | | | | | |
| Camie | | | 5 | 19,323 | 4 1 | 790 |
| Clara B | | | 4 | 18,229 | 3 8 | 685 |
| Marion | | | 10 | 16,579 | 3 8 | 629 |
| [illegible] | | | | | | |
| Idette | | | | [illegible] | | 667 |
| [illegible] | | | 4 | [illegible] | 3 4 | 604 |
| J B Brubaker & [illegible] | | | | | | |
| 204 | | | 4 | 21,078 | 3 5 | 736 |
| 145 | | | 3 | 20,868 | 3 5 | 721 |
| 202 | | | 4 | 20,713 | 3 5 | 719 |
| 218 | | | 3 | 20,263 | 3 8 | 771 |
| 210 | | | 4 | 18,914 | 4 0 | 761 |
| 159 | | | 4 | 18,558 | 3 7 | 694 |
| 183 | | | 4 | 18,538 | 4 0 | 741 |
| Gussie | | | 13 | 18,137 | 3 7 | 675 |
| 209 | | | 4 | 17,596 | 3 6 | 641 |
| Carrie | | | 9 | 17,116 | 3 8 | 651 |
| Roy E Snoke | | | | | | |
| Supreme | | | 3 | 19,309 | 3 2 | 624 |
| Sondra | | | 5 | 17,259 | 4 0 | 692 |
| Chester & Galen Smith | | | | | | |
| Becky | | | 6 | 14,880 | 4 1 | 615 |
| Thrush Brothers | | | | | | |
| 97 | | | 3 | 16,904 | 4 0 | 680 |
| 31 | | | 6 | 15,661 | 3 9 | 604 |
| 70 | | | 3 | 15,070 | 4.2 | 631 |
| 40 | | | 4 | 14,001 | 4 3 | 608 |
| Willard Fought | | | | | | |
| 9 | | | 3 | 17,550 | 3 7 | 658 |
| 7 | | | 8 | 17,237 | 3 6 | 614 |
| E. Lee Oiler & Son | | | | | | |
| Girl | | | 7 | 16,043 | 4.2 | 678 |
| D Lehman | | | | | | |
| 31 | | | 6 | 14,209 | 4.3 | 606 |
| Paul Strock | | | | | | |
| Stella | | | 7 | 20,207 | 3 3 | 675 |
| Holly | | | 6 | 19,191 | 4.5 | 858 |
| Honey | | | 6 | 18,410 | 4.0 | 744 |
| Jonnie | | | 2 | 16,813 | 3.8 | 638 |
| Celia | | | 2 | 16,015 | 3.8 | 610 |
| J. Glenn Glesner | | | | | | |
| 78 | | | 5 | 17,789 | 4 1 | 724 |
| Alfred Gaisler | | | | | | |
| Sugar | | | 3 | 18,678 | 3 4 | 637 |
| Milk Way Farms | | | | | | |
| 102 | | | 5 | 22,390 | 3 7 | 818 |
| 114 | | | 4 | 18,022 | 3 4 | 607 |

## Bacon ruling deferred

WASHINGTON, D.C. – The U.S. Department of Agriculture has deferred final action on a proposal to use potassium sorbate as a partial replacement for nitrite in curing bacon, pending the results of further safety tests now underway.

Last May, the Department published a proposal to reduce the amount of nitrite used in curing bacon from the current 120 parts per million (ppm) to 40 ppm. Since the reduced nitrites might lessen the protection against botulism, additional safety would be provided by adding 9.26 per cent potassium sorbate by weight of the bacon to the cure.

Under last year's proposal, the Department was to take final action within a year, based on the outcome of tests on the new cure ingredient.


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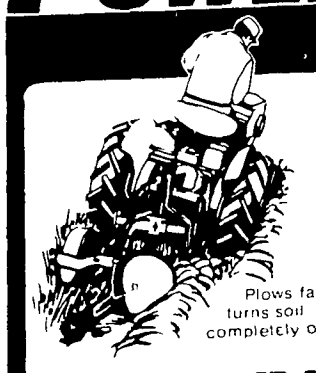

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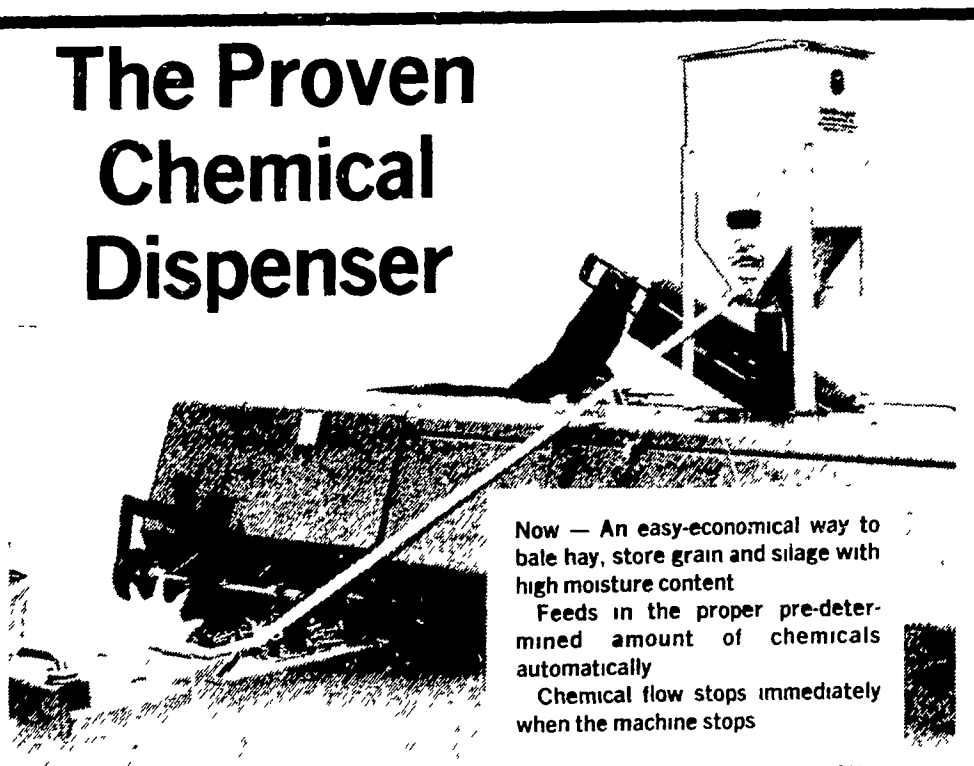

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# Spring plowing 87 per cent completed in Pa.

HARRISBURG – Farmers in Pennsylvania had six days suitable for fieldwork in the week ending May 13, according to the Pennsylvania Crop Reporting Service. This was the fourth consecutive week with little rain, so most farmers welcomed showers late in the week as small grains, hay and pastures had begun to show a need for moisture.

Moisture in the past week was rated mostly adequate to somewhat short before the showers. The south showed the lowest ratings of short soil moisture.

At 87 per cent complete, Spring plowing is now two weeks ahead of the 78 per cent a year ago. The north is 83 per cent done, central counties stand at 90 per cent, while the south reports 87 per cent.

Corn is 12 days ahead of last year at 42 per cent planted compared to 28 per cent with the average of 29 per cent. Operators were running late at night to plant during the heat wave The north is at 18 per cent, central counties report 46 per cent with 55 per cent planted in the south.

At 14 per cent headed and 28 per cent in boot, barley is 28 days ahead of the less than five per cent headed last year. Though none is headed in the north, central counties report eight per cent with the south at one quarter. Wheat is one third in boot, 13 per cent ahead of last year's five per cent. The north is at 11 per cent, central counties at 30 per cent and the south reports 49 per cent in boot with a slight amount headed.

Hay and pastures responded well to last week's warmth and moisture Hay is rated four-fifths in good condition and the rest fair. A slight bit of first crop alfalfa was out, mostly for silage, with quality mostly good. Feed from pastures is average.

At 87 per cent in or past full bloom, peaches are 13 days ahead of the 35 per cent in or past full bloom last year. Oriental fruit moth larvae are present on peaches. Cherries are at 86 per cent in or past full bloom, eight days ahead of last year's 50 per cent. Apples are 11 days ahead of last year at 72 per cent in or past full bloom compared to 21 per cent last year. Rosy apple aphid populations are reportedly high. Weather has been good for fruit pollination. Strawberries are forming as asparagus and early leaf crops harvesting continues.

Soybeans are now eight per cent planted, ten days ahead of last year when none had yet been reported planted. Planting has not begun in the north while central and southern counties are at ten and eight per cent respectively.

Oats are 92 per cent sown, 13 days ahead of 87 per cent last year. The south is done, central counties report 94 per cent with 84 per cent sown in the north. Oats seeding was mentioned by operators as being delayed due to late arrival of lime and fertilier.

At 66 per cent planted, potatoes are a week ahead of 58 per cent in 1978. The south is virtually all planted, central counties are at three-fifths with the north 48 per cent complete.


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## Reforestation award given

Robert H. Rumpf, left, Pennsylvania district manager, The Glatfelter Pulp Wood Company, Spring Grove, accepts the 1978 Company Project Award from Mrs. Maxine Morrison, coordinator of the National Arbor Day Foundation's award ceremonies and Mr. Phillip Thronton, deputy chief of the U.S. Forest Service. This national award was made to the Company in recognition of its continuing reforestation project in south central Pennsylvania and for providing tree seedlings to York County schools for Arbor Day plantings. The award was presented to the Glatfelter firm during the National Arbor Day Foundation's annual award ceremony in Nebraska City, Neb. in April.


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# Cropping program plays role in saving energy

NEW HOLLAND — Farming is really a sunshine-collecting business. Water and plant food are important but sunlight is much the most important ingredient in crop production. And forages are nature's most effective solar energy collectors, says Vern Anstee, Sperry New Holland's product manager for future products.

Anstee points out farming was operated on current solar energy supplies in the form of harvested crops until about 100 years ago. The energy was in the form of crops fed to horses and mules that powered the farms. Then we started using the sun's energy that was stored a long time ago, first in the form of coal, then oil and gas.

There's not much chance of ever going back to animal-powered agriculture, says Anstee. First of all, we can't because we wouldn't have the horses. Second, we don't need to because there is enough oil to fuel tractors if we're careful not to waste. We can work out farming methods to minimize fuel energy purchases.

Hay crops harvested as hay take less energy than silage in most systems. Corn or sorghum harvested as silage beats grain in terms of energy recovered from the crop. In terms of the ratio of energy/land use and crop produced, the winners are forages.

A return to livestock farming on land that's best used that way saves very large amounts of energy. Alfalfa as a protein maker saves the energy used in non-protein nitrogen and other protein supplements. More important, it puts a lot of nitrogen into the soil for the next crop. This saves large amounts of natural gas you'd otherwise need to produce fertilizer nitrogen.

And alfalfa, which yields a cash return similar to or higher than grain most years, doesn't require tillage very often. That saves a lot of tractor fuel.

Take it all together, farmers' costs of the imports purchased, including energy, are heading us back to a "balanced" agriculture that makes best use of legumes and livestock manure to produce the non-legume grain crops we also need. Not many farmers are expected to go all the way to "organic farming," but many producers will cut back their dependence to the chemical sauce they've relied on to grow corn

With legume hay crops in the rotation, this works out real well, notes Anstee

Legume forage crops grown in rotation with grain crops reduce the overall need for fertilizer nitrogen, which he describes as an energy hog Even in continuous corn there's evidence fertilizer nitrogen can be reduced or eliminated where hairy vetch can be seeded over the corn late Summer or early Fall Citing Delaware research, Anstee explains the vetch is a cool season crop so it makes use of late fall and early Spring moisture and sunlight to "manufacture" the nitrogen for most of the first 150 bushels of corn/acre in the next crop.

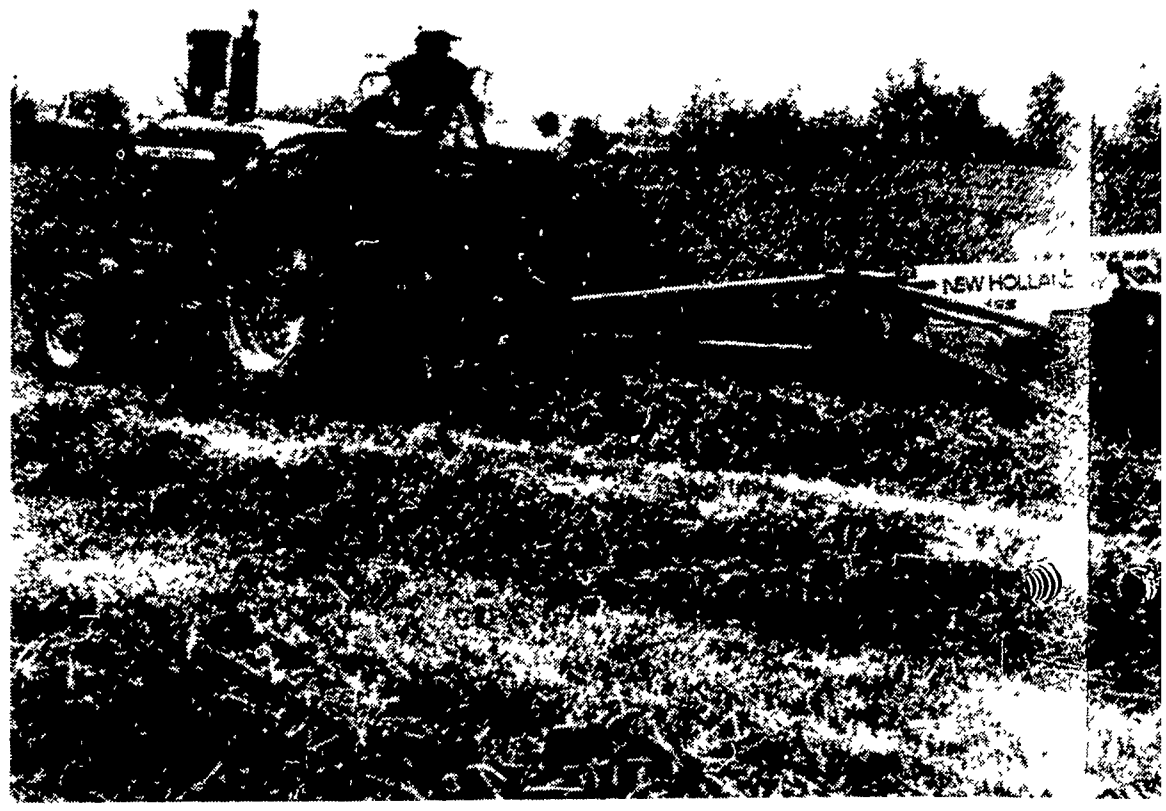
Careful use of livestock manure further cuts the need for fertilizer manufacturing fuel, emphasizes Anstee. Actually, spreading manure recycles most of the plant food used to produce the crops consumed by farm animals since very little plant food actually leaves the farm in the form of meat or milk

Field machinery operation at an estimated 20 percent of the total farm fuel consumption can yield savings too. Here the question is a trade-off between fuel saved and value of work not done. But surprisingly, minimum tillage can be used in more situations than was once widely believed. And tillage can be reduced in many more situations without substantially reducing yields. A cautious approach is probably the best bet thinks Anstee. Try enough to find out what works for you but don't risk a larger experiment than you can afford, he advises.

As long as crops need to move to market, farm transportation fuel will be needed. But higher fuel costs are moving some farmers to think about diesel power for their next truck.

Energy use in livestock and dairy production and grain drying can be reduced, too, says Anstee. But this won't happen quickly or as soon as we'd like In the dairy, for example, heat exchangers can capture heat from milk to help heat water for animal and utensil sanitation In some cases more insulation will be needed in confinement livestock buildings

Crop drying fuel requirements can be cut two ways, claims Anstee Many farmers are already selecting grain varieties that dry down rapidly to avoid the need for much post-harvest drying But the use of crop residue such as stalks, cobs or straw as drying fuel may be a larger saving. We throw away more energy in the cobs when we combine corn, than we'd need to dry the crop And we wouldn't need to worry about fuel delivery if we burned cobs to dry corn, he notes They're already right there Researchers and innovators are already working on it.



Energy can be saved when a farmer plans his crops and machinery inventory carefully. By doing so, he may save on the amount of fuel used for field work, as well as f partially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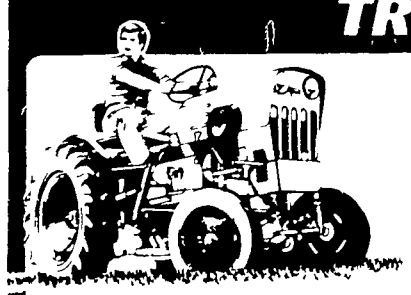

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machinery inventory sed for field work, as well as fertilizer requirements. Legumes can be a good source of nitrogen, thus partially offsetting the need for this energy intensive element.

*Using tax deductions wisely may help*

# Production expenses will rise 12-14 per cent

By DIETER KRIEG

UNIVERSITY PARK — Farm production expenses will go up 12 to 14 per cent this year, according to Jesse Cooper, assistant professor of Farm Management Extension at Penn State University. Total production costs, nationwide, will come in around $107 billion to $111 billion, he said.

Speaking here Thursday before 110 representatives of Pennsylvania's banking business, the professor added that what happens to costs "may not be as important as availability." The statement was made in reference to shortages in energy supplies. He noted that some farmers in the Midwest are "edgy" about diesel inventories, despite assurances from U.S. Department of Agriculture officials that needs will be met. "The farmer is con-

Jesse Cooper

cernend about getting it (fuel) when he needs it," he exclaimed.

In speaking to the bankers, Cooper urged that both farmers and their financiers consider very seriously how a fuel cut-off or power brown-out would affect the farming enterprise.

Also, to help farmers with their cash-flow statements, he urged producers and bankers to work together in order to reap maximum benefits from legal tax deductions. A primary one in that category would be investment credit.

"I think a lot of farmers may be missing the boat on legal tax breaks," he said. He considers investment credits to be an item which every businessman takes advantage of, and farmers - being businessmen too - should be no exception.

"You people are in a tremendous position to work this out with your clients. You can help farmers find areas where they can cut costs," the farm management professor remarked.

Despite increasing costs and dwindling energy supplies, Cooper said he has a lot of faith in the ability of farmers to innovate and adjust. He credits farmers for maintaining cool objectivity in the face of crisis situations. To panic, he said, would mean bringing on real disaster.

Acknowledging that current farm income averages are fine, and outlooks are good, Cooper asked the bankers to consider how these facts apply to individual farming operations. In most cases, farmers should be showing a good cash flow now, he and others at the 1979 Agricultural Conference for Pennsylvania Bankers said.

Cooper believes that farmers could do more to lessen their dependence on suppliers of raw inputs they need to produce. His solution is that farmers continue to work collectively through bargaining cooperatives. "Farmers too often leave the supply of critical inputs to others," he said.

The adjustments of the times and rising costs put a lot of pressures on farmers, the professor admitted. But the farmer will prevail, he assured.

Cooper was conference chairman for the event, which was held here at the Keller Conference Center May 15-17.


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# *Spring grass can cause problems for horses*

NEWARK, Del. - Spring is here, and so is the green grass horses love to eat. But although horses welcome the dietary change, their owners should be aware of certain dangers associated with green spring grass.

First of all, a horse's diet should change gradually–not abruptly, says Delaware Extension equine specialist Dr. C. Melvin Reitnour. Introduce horses to pasture slowly–don't just open the gate and turn them out. Limit their grazing on spring grass to 30 minutes a day at first, then gradually increase the time to unlimited use after a week to 10 days.

New grass has a very high water content and may not provide enough dry matter. It's also a laxative and very digestible. Protein content is quite high as well. This combination of conditions can produce fermentation in the stomach, which can create a serious digestive upset–colic.

Founder or laminitis is also common after horses feast on Spring grass.

A horse showing signs of stiffness or abdominal pain (pawing, looking at its side, kicking at its abdomen or rolling) needs immediate veterinary attention.

Most temporary pastures used for cattle and sheep are nutritionally unsuitable for horses. Avoid pasturing horses on sudan grasses or sudan crosses because those varieties are especially dangerous.

In addition, horses are more active than other animals. Turning them out in wet or muddy paddocks could turn the lots into nothing but bare ground. Horses may also pull the grass out by the roots when grazing on soft spring ground, and they may cut the grass with their hooves.

Because most horse owners have limited pasture available, it takes careful management to prolong pasture life. Your county extension agent can offer recommendations for seeding, fertilizing, and other management practices. Carefully managed pasture can provide considerable feed and enjoyment for horses.

# Toll-free sunline for solar energy available

HARRISBURG - The National Solar Heating and Cooling Information Center maintains a toll-free sunline which can answer your solar-related questions.

Representative Noah W. Wenger said the sunline number in Pennsylvania is (800) 462-4983 and is manned during normal business hours.

"This solar information center was established by Congress in 1976 and close to a half a million questions about solar heating and cooling have been answered through this office," Wenger said.

"Professional analysts will answer your problems right on the phone If your question requires research, it will be answered through the mail or with brochures and pamphlets which they will send you "

The center is operated by the Franklin Research Center for the U S Department of Housing and Urban Development (HUD) in cooperation with the U.S. Department of Energy (DOE). Franklin's headquarters are in Philadelphia.

Wenger said that citizens may also submit written requests to the center. Over 70,000 mail requests have been answered. Simply address your requests to National Solar Heating and Cooling Information Center, P.O. Box 6007, Rockville, Md. 20850.

"I am very impressed by the service which this center offers They offer a wide selection of educational and promotional publications dealing with everything from detailed technical manuals for solar energy system installers to scripts for audio-visual presentations.

"At this stage of the energy problem, it's very reassuring to know we have places such as this where our questions can be answered," he said.

# Giant purse offered at NAILE open beef shows

Beef cattle showing in open classes at the North American International Livestock Exposition (NAILE) this year will take home $125,000 in premiums When making the announcement, Expo Manager Harold Workman said the open beef shows have always been an important part of NAILE activity, and the events this year promise to be the best in the six year history of the show

Included in the open beef classes will be National Polled Hereford Show, National Shorthorn Show, National Chianina Show; Junior Steer Show, Junior Heifer Show; and the Feeder Calf Show Seven other open breed shows will also be held, including: Angus; R.O.M. Hereford, Pinzgauer; Simmental; ROE Charolais; Limousin; and Maine Anjou. Two new open shows will appear at 1979 NAILE and they are Brangus and Santa Gertrudis

In addition to the open shows announced by Workman, the Kentucky Department of Agriculture has announced seven Kentucky National Shows and Sales will be held at the Expo Workman also noted that 14 national sales will be held

All open beef shows will take place during November 11 - 17 Workman said Premium Catalogs will be available July 1.

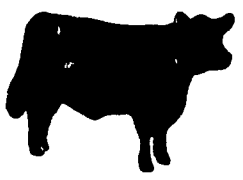
Prior to and during beef shows at the NAILE, sheep, Quarter Horses, dairy cattle, and swine will show, with sales taking place for many of the other animal species.

The NAILE will extend from November 3 - 17 this year, and it will again be held at the Kentucky Fair and Exposition Center in Louisville, Ky

For further information contact Linda Kalvar, Ag Associates, Inc , 756 South First Street, Suite 200, Louisville, Ky 40202, 502/584-8060

# NAILE announces dairy shows, sales agenda

LOUISVILLE, Ky - Dairy Shows and sales at the 1979 North American International (NAILE) will take place November 3 - 7 When making the announcement, Expo Manager Harold Workman said that the dairy portion of the Exposition has grown substantially since first appearing in 1977 and this year promises to be the largest in history. Workman said total premiums offered this year will be $45,000 for all dairy classes, a substantial share of the total Expo purse of $225,000



Dairy cattle will open activities at the NAILE when receiving activities begin on October 31 Dairy cattle arrivals will continue through 10.00 a.m., November 2. The first event, the Junior Dairy Shows, will take place early on November 3.

Dairy sales also attract much attention at the Expo, and Workman said that four sales will be held this year.

When making the formal announcement regarding dairy activities at the NAILE, Manager Workman said dates for dairy events are:

November 3 - All American Junior Jersey Show, National Junior Guernsey Show, Brown Swiss Junior Show, Holstein Junior Show, and Jersey Pot O' Gold Sale.

November 4 - All American Jersey Bull Show, Jersey Jug Futurity, 55th National Guernsey Sale, and All American Jersey Sale

November 5 - All American Jersey Female Show, National Guernsey Show, and Bluegrass Holstein Classic Sale

November 6 - Southeastern Regional Holstein Show

November 7 - Southeastern Regional Brown Swiss Show.

More information regarding all dairy activities will be available on July 1. Mr Workman said Premium Catalogs will be available on that date.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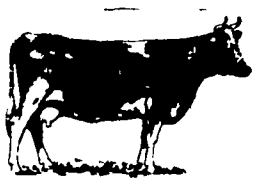

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University Tests Show Value of Inoculation

| Item | Percent preserved in — Inoculated | Untreated |
|---|---|---|
| Dry matter | 85% | 71% |
| Protein | 94 | 71 |
| Crude Fiber | 83 | 82 |
| Nitrogen free extract | 80 | 67 |
| Energy | 88 | 75 |

Professor M E McCullough, who conducted the research, estimated that inoculation added from $3 to $5 to the value of each ton put into the silo This came from reduced dry matter loss and extra feeding value, equal to 1 to 1½ bushels of corn per ton of silage

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# Federal labels granted for Lorsban insecticide

MIDLAND, Mich. — Two federal labels — for Lorsban 15G granular insecticide use on sugar beets and sweet potatoes, and Lorsban 4E insecticide use on tree fruits and sweet potatoes — have been obtained by The Dow Chemical Company.

In addition to its previously approved uses, Lorsban 15G granular insecticide can now be used to control sugar beet root maggots and to aid in reduction of feeding damage by larvae of **Conoderus** wireworms, **Systena** flea beetles, and sweet potato flea beetles in sweet potato crops. The new federal label for Lorsban 4E insecticide broadens this product's use to certain tree fruits to control such pests as rosy apple aphids, San Jose scale, mealy plum aphids, and peach twig borers; and sweet potatoes for the control of **Conoderus** wireworms, **Systena** flea beetles, and sweet potato flea beetles.

Special local need (SLN) labels for the use of Lorsban 15G granular insecticide to control cutworms infesting sugar beets in North Dakota and Minnesota were also approved by regulatory agencies in those states.

For use on sugar beets, Lorsban 15G granular insecticide may be applied as a row treatment at either planting time or postemergence (up to the 2-to-4 true-leaf stage of the plant). It is applied at the rate of 6.5 to nine ounces per 1000 feet of row (10 to 13.5 pounds per acre based on a two-inch row spacing) by placing it in a five-to-seven inch wide band over the drill row. The granules should then be incorporated into the soil — one to two inches for preplant application, and one-half to one inch for postemergence.

The granular insecticide is applied on sweet potatoes as a preplant, broadcast application at the rate of 13.5 pounds per acre, and incorporated into the top four to six inches of soil.

Lorsban 4E insecticide, for use on tree fruits, is tank mixed at the rate of one-half to one pint of the insecticide with one to two gallons of a petroleum spray oil recommended for dormant use in 100 gallons of water, and applied as a spray to the entire tree using suitable ground spray equipment. For use on sweet potatoes Lorsban 4E insecticide is applied in a broadcast spray as a preplant at the rate of four pints per acre, and incorporated into the top four to six inches of soil.

# *Plans for Dept. of Natural Resources dropped*

WASHINGTON, D.C. - "America's farmers and ranchers have won a major victory in the decision to scrap the plans for a Department of Natural Resources," according to Allan Grant, president of the American Farm Bureau Federation.

The White House announced recently that the plan had been dropped. Among other things, it would have stripped the Department of Agriculture of the Forest Service, which is the largest agency within USDA.

Grant pointed out that the key to the solution of world hunger problems is a viable system of private agriculture in America. "As now constituted," he said, "USDA plays an important role in maintaining that viability."

Grant said, "The Agriculture Department provides us with important research information, conservation activities and resources management. The proposed reorganization would have weakened the USDA, which is something we wholeheartedly reject."

The leader of the nation's largest farm organization said, "We will continue to work to strengthen USDA as an agency primarily concerned with the needs of farmers and ranchers."

Farm Bureau testified before a House subcommittee last week in opposition to the reorganization plan, pointing out that Farm Bureau members use services such as those provided by the Forest Service, which would have been affected by the reorganization proposal.

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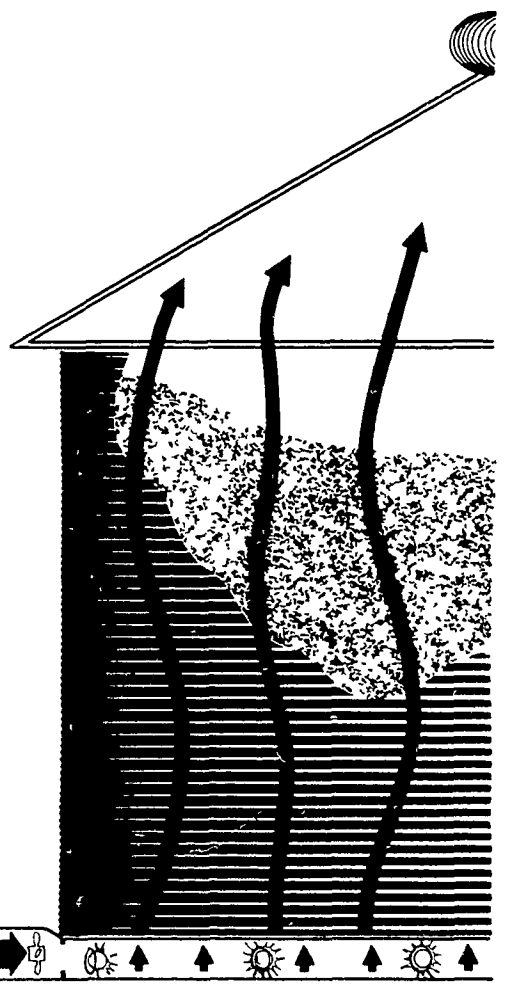

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# Sale Reports

The Brookvale Complete Milking Herd & Bred Heifer Dispersal was held May 17 by Chet Adams, 3 miles east of Mifflintown, Juniata Co., Pa.

The high cow sold for $4300 and was sired by DQA Elevaton Dan; 2nd high cow sold for $3100 and was sired by Glenafton Ragapple Hagen. A red and white grade cow sold for $2500 while another Holstein sired by Hilltop Appolo Ivanhoe brought $2100.

Auctioneer was Arlow Kiehl with Sales Mgr. Gordon Wood.

XXX

A Public Sale of farm machinery was held May 17 by Mr. & Mrs. Raymond Witmer, at the farm of Daniel Zook, 7 mi. southwest of Belleville, Pa.

Prices received were: Farmall 876 Tractor $9500, Farmall 574 Tractor $7800, Farmall A Tractor $1200, N.H. 273 Baler $2300, Cultivator $375, Ford Tractor (for parts) $500.

Consignment Items sold were: N.H. 315 Haybaler $5045, Grain Elevator $1000, 38 Forage Harvester w/2 heads $2100, M.F. #160 Manure Spreader $200, A.C. WD45 Tractor $1150 and Feed Grinder $475.

Daniel P. Zook and Mark S. Yoder were the auctioneers.

XXX

A Public Sale of antiques was held May 19 by Anna W. Helm, 10 miles south of Lancaster in the village of New Providence, Pa. This was a well attended sale.

Prices received were: Copper Tea Kettle $95, Brass Tea Pot $85, Moosehead Creamer $30, Shadow Box $40, Iron Kettle $70, Blanket Chest $70, Chopping Block $102.50, Cottage Dresser $105, Wash Stand $115, Oak Extension Table $180, Kitchen Cabinet $300, Rope Bed $300, Hall Rack $370, Corner Cupboard $380 and High-back Walnut Desk $610

Auctioneers were Lloyd H Kreider and Randal V Kline.

XXX

A Public Sale of antiques and farm machinery was held May 12 by Mr. and Mrs. Martin Gerlach, 3968 Columbia Ave., Mountville, Lanc. Co., Pa.

The following items were sold: J.D. 40 Tractor $1100, J.D. 2010 Tractor $2475, 1964 Truck $900, Mower $187.50, Plow $200, Corn Planter $180, Hall Table $155, Pickle Pump $190, Butter Mold $95, Heart-shaped Cheese Mold $55, Mantel Clock $190, Blanket Chest $140, Oak Sideboard $150, Oak Wash Stand $80 and Boston Rocker $95.

Nevin R. Hoover and Harold K. Keller were the auctioneers.

XXX

A Public Sale of real estate and household goods was held May 19 by Christian L. Umble, between Atglen and Parkesburg, Chester Co., Pa.

The lot 95' by 135' with a 1 1/2 story stucco house and one car garage was sold for $31,000.

Other prices were: 3 pc. Oak Bedroom Suite $370, Oak Sideboard $105, old Oak Desk $95, Rocker $100, Kerosene Lamp $25, Copper Kettle $80, Oak Extension Table $57, 5 plank Bottom Chairs $23 each, Blanket Chest $72 and antique dishes up to $40 ea.

Auctioneer was John Umble.

XXX

A Public Sale of shop tools and machinery was held May 19 by George and Susan Kunkle, R.D. 2, Annville, Lebanon Co., Pa.

Items sold included: 8N Ford Tractor $2300, 8" Jointer $300, Tractor 3 pt Saw $300, 2-Bottom Plow $120 and 20 blade Disc $400.

Auctioneer was Harry R. Bachman.

XXX

A Public Sale of antiques was held May 19 by Henry K and Anna Flory, 477 Elwyn Terrace, Manheim, Lanc Co., Pa

Prices received were. Oak Bedroom Suite $670, Oak Chairs $20 each, Corner Cupboard $130, Rocker $60, 2 Camel Back Trunks $75 each and Copper Boiler $27.50.

C. H. & Bob Wolgemuth were the auctioneers.

XXX

A Public Sale of General Construction Equipment by Harold W. Groff was held May 9 at Green Dragon Farmers Market and Auction north of Ephrata, Pa. It was a very good sale and well attended.

Some prices included: Cat 955K Tractor Loader $24,600, Cat 941 Tractor Loader $13,500, Mack Tractor & Low Boy Trailer $12,000, 1972 Ford 880 Dump Truck $13,000, Case Backhoe $8000, 1978 Chev. Pickup Truck $6000, and Fleet Star 2110A Dump Truck $6850, also Case Crawler Backhoe $7350.

T. Glenn Horst and Timothy G. Horst were the auctioneers.

XXX

An Ayrshire Auction was held May 14 for Ellis Mentzer, 3 1/2 miles south of New Holland, Lanc. Co., Pa.

Fourteen head of registered Ayrshires sold for over $1000; with the top cow going for $1650, 2nd high was $1450 and the 3rd high was $1425. The average price of the herd of 57 cows was $860.

Ralph Horst was the auctioneer.

XXX

A Public Sale of antique furniture and a large coin collection was held May 12 by Mary S. Bawel, 1/2 miles east of Intercourse, Lanc. Co., Pa.

Prices received were: Craftsman Shaper $200, Craftsman Band Saw $300, 6" Jointer $325, Table Saw $250, Rocking Chair $50, Chair $45, Blossom & Cherry Set of dishes $190, Set of Flow Blue Dishes $335, Pitcher $95, 2 Dishes $280, China Closet $600, Painted Milk Cans $100 & $150, Pitcher Set $95, old Springfield 12 ga Double Barrel Shotgun $225, Savage 30-30 Rifle $185, 1967 Ambassador Car $520, Penny $5, 1959 'D" Pennies 85 cents each, 30 Pennies .60 cents each, 5 Pennies $2.10 ea., Indianhead Pennies $2.50 each and Silver Dollars $9, $10, $13, $14, and $27.50 ea.

Steve Petersheim was the auctioneer.

XXX

A Community Sale at the Goodville Fire Company Hall was held May 19 along Route 23. The sale was for the benefit of the fire company and there were 600 buyers registered. The sale netted approximately $23,000.

The highest priced quilt sold for $170, while the 15 quilts brought $2307.50. Most of the articles sold were donated and the remaining were sold on commission.

Other prices were: Oil Burning Furnace $435, Riding Mowers $540 & $320, Portable pump and Hose $200, Shop Lathe $305, and Drill Press $185.

Five local auctioneers donated their time.

XXX

A Public Auction of 480 head of feeder pigs was held May 19 by Walter M. Horst, R.D. 1, Newmanstown, Pa. There was active bidding at this sale.

The feeder pigs sold from .90 cents to 1.10 per lb. with the 50 to 60 lb. pigs selling higher per lb. than the lighter weight ones.

Auction conducted by John E. & Paul E. Martin, Aucts.


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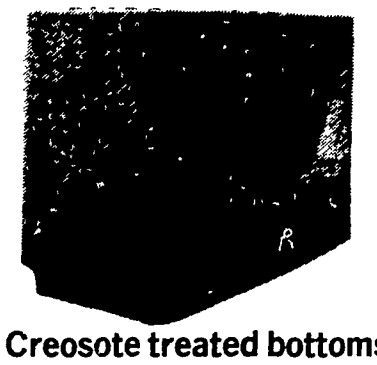

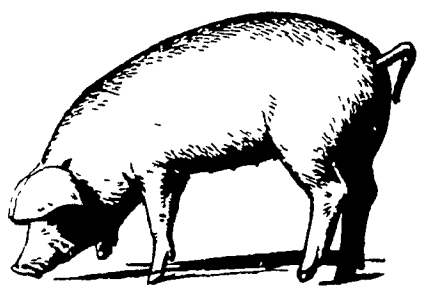

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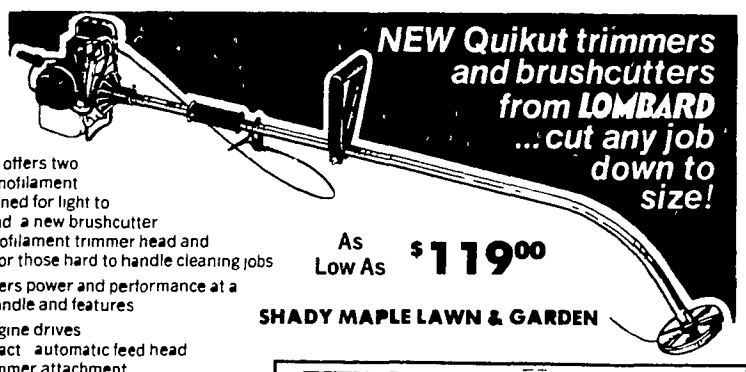

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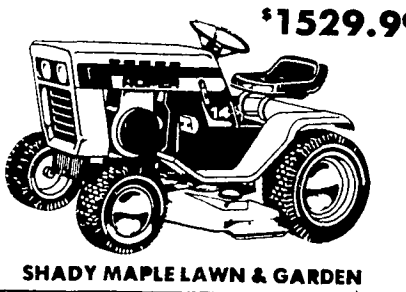

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# FFA convention approved as nat. contest

ALEXANDRIA, Va. - The 1979 National Future Farmers of America Convention will be listed as approved in the Advisory List of National Contests and Activities for the coming year according to Douglas W. Hunt, executive director of the National Association of Secondary School Principals, (NASSP), publishers of the list.

The decision followed the submittance of a proposal for future convention dates to the NASSP's National Contests and Activities Committee by the National FFA Organization. The proposal stated that the dates for the National FFA Convention for 1979 and 1980 would be November 7-9 and November 12-14 respectively, (held on Wednesday, Thursday and Friday) and that beginning in 1981, the convention would move to a yearly Thursday, Friday, Saturday schedule.

Hunt said the Committee's area of concern had been in alleviating some of the "out of school" time spent by a great number of both teachers and students who have attended theconvention in years past. With the FFA's assurance that the program would go to an annual Thursday, Friday, Saturday schedule in 1981, the Committee chose to once again add the Convention to its Advisory List after it had been absent for the year of 1978.

"It illustrates once again that we are committed to working with school administrators and educators at all levels, whether it be local, state or national," Coleman Harris, National FFA Executive Secretary, said of the approval and the cooperation exhibited by the NASSP and the FFA. Harris also stated that the National FFA Organization plans to maintain and strengthen further the educational value of all the activities at the National FFA Convention

The Convention, which draws over 20,000 members, teachers and guests to Kansas City, Mo., yearly, features national awards to top FFA members for agricultural expertise, nine national agricultural skills contests, an agricultural career show, business sessions for the student-members and a full slate of speakers. In 1978, President Jimmy Carter addressed the Convention, as did U.S. Commissioner of Education Ernest L. Boyer and newscaster Paul Harvey.

While all entries in the NASSP's Advisory List are reviewed and subject to change on a yearly basis, Hunt indicated that he thought the National FFA Convention would likely be included in the future, with the new revised schedule.

"We can see no reason why it would not be listed in the coming years provided the high level and quality of educational content is maintained and FFA's assurances of going to the new proposed dates are carried out," Hunt said. The 1979 edition of the NASSP's Advisory List will be mailed to every school system in the country this summer.

# Kentucky nat. beef shows to be held at NAILE

LOUISVILLE, Ky. - The North American International Livestock Exposition (NAILE) will return to Louisville, November 3-17, and seven Kentucky National Beef Shows will be part of the giant Expo. According to Barney Hornback, Director of Shows and Fairs for the Kentucky Department of Agriculture, the Kentucky Nationals are co-sponsored by the Department of the Agriculture and the individual Kentucky Breed Associations. Mr. Hornback said the seven Kentucky Nationals which will be held in conjunction with the NAILE are: Beefalo, Maine Anjou, Limousin, Charolais, Simmental, Santa Gertrudis, and Hereford.

In addition to the shows which the seven breeds will hold, each will also conduct a sale in conjunction with the NAILE. Now entering its sixth consecutive year of operation, the NAILE has been noted for outstanding sales, as well as shows, and Hornback said 1979 may be a record-breaking year for sale averages.

Premiums for the Kentucky National Shows will total $56,000 for the seven breeds. It is expected the incentive present in such a large cumulative purse will bring some of the finest animals in the nation to Louisville in November.

When making the announcement of the Department of Agriculture sponsored Kentucky National Shows and Sales, Mr. Hornback also released the dates for all events. They are as follows:

November 12 - Ky. Natl. Hereford Show, Ky. Natl. Hereford Sale, and Ky. Natl. Beefalo Show.

November 13 - Ky. Natl. Beefalo Sale, Ky. Natl. Santa Gertrudis Show, Ky. Natl. Santa Gertrudis Sale.

November 15 - Ky. Natl. Charolais Show, Ky. Natl. Charolais Sale, Ky. Natl. Simmental Show, Ky. Natl. Simmental Sale.

November 16 - Ky. Natl. Maine Anjou Show, Ky. Natl. Maine Anjou Sale, Ky. Natl. Limousin Show, Ky. Natl. Limousin Sale.

# FFA, Holstein Assn. to offer foreign exchange program

BRATTLEBORO, Vt. - The Holstein Association has joined up with the Future Farmers of America, International Division, to offer a foreign exchange program involving young dairy people around the world.

Together the two agencies will coordinate a program that will make it possible for American and foreign students to work on dairy farms as trainees for either a summer or an entire year.

Maurice Mix, head of international programs for the Association, says that American young people between the ages of 18 and 24 years should consider the cultural benefits of the program. The exchange program will accommodate Junior Holstein members who are also members of FFA or are FFA alumni.

U.S. host families are needed for foreign students in this country. Monetary requirements call for the host family to pay trainees $160 per month and provide room and board.

Those interested in the program should write Maurice Mix, International Division, Holstein Association, Brattleboro, Vt.

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| 29H2510 DEMAND | +1,758 | 92% |
| 29H3200 CHIP | +1,733 | 56% |
| 29H2650 HARVEST | +1,721 | 70% |
| 29H2847 MONEY-MAKER | +1,703 | 60% |
| 29H2785 MILESTONE | +1,611 | 86% |
| 29H2592 LINDY | +1,591 | 63% |
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# Delaware junior broiler winners announced

NEWARK, Del. - Tina Carey, of Magnolia, has been named 1979 Delaware Junior Broiler Program Champion. Miss Carey, whose 4-H advisor is Marian MacDonald, received the top prize of $25 and a trophy.

Second place winner in the event was Brian Emerson, a 4-H member from Middletown. His advisor is Jimmy Moore.

FFA member Wayne Carlisle, Woodside, took third place in the annual competition. His FFA advisor at Caesar Rodney High School is Horace Short.

Elizabeth Moore, of Wyoming, also an FFA member at Caesar Rodney, took the prize for the heaviest entry. Her seven live birds showed an outstanding weight of 5.93 pounds per bird. The average weight for all entries in the competition was 5.07 pounds live weight.

Cash prizes were awarded to the top 20 contestants. The fourth through 20th place finishers were: Lynn Bullen, Middletown, FFA; Eric Joyner, Woodside, 4-H; Debbie Decker, Blackbird, 4-H; Daniel K. Thomas, Bear, FFA; Marie Warren, Woodside, 4-H; Donna Armour, Harrington, FFA; William Reily Brown III, Wyoming, FFA; Ben Webb, Ellendale, FFA; Jerry Moore, Wyoming, FFA; Glen Welch, Bear, FFA; Denise Emerson, Middletown, 4-H; Susan Petras, Clayton, FFA; Steve Majchrzak, Seaford, 4-H; Richard Green, Middletown, 4-H; Holly Webb, Wyoming, 4-H; Andy Wank, Wilmington, 4-H; and Mary Calloway, Middletown, 4-H.

The Junior Broiler Contest was established in 1948 to encourage youth participation in poultry production. Sponsored by the Delaware Poultry Improvement Association and the Delaware Cooperative Extension Service, the program is open to youths participating in 4-H and FFA programs.

Each contestant was given 50 chicks in March and was responsible for feeding and caring for the birds through maturity. Seven birds from each flock were selected for competition, dressed by a commercial processor, and then displayed and judged.

Judges selected the winning broilers on the basis of conformation, condition, appearance, uniformity of entry, weight, and completeness of records.

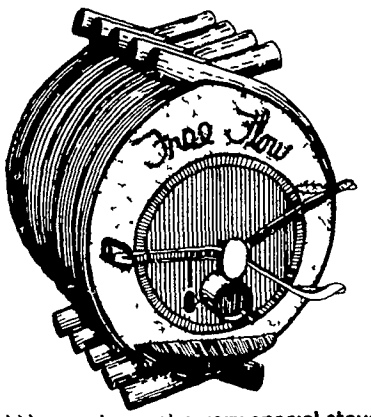
For the second year in a row the growing time was 49 days. In 1977 it was 52 days, and when the contest began 31 years ago it was about ten weeks.

Judges for the competition this year were Don Strick of Perdue, Inc., Felton; Ernest Matthews, special assistant to the Delaware Poultry Industry, Inc., Salisbury, Md.; and Willard T. McAllister, extension economist at the University of Delaware in Newark.

Top finishers in the 1979 Delaware Junior Broiler Program are Tina Carey (front) and (left to right) Brian Emerson, Elizabeth Moore, and Wayne Carlisle.

Tina Carey of Magnolia is the 1979 Delaware Junior Broiler Program Champion.


introducing
The Free Flow

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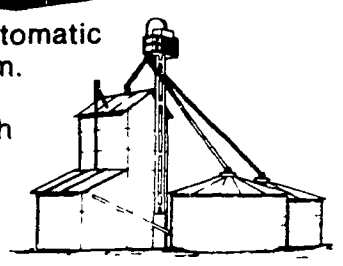

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# WHAT'S NEW

**IRRIGATION**

Valmont Industries, Inc., Valley, Nebrask has announced that it has established a National Used Irrigation Equipment Clearing House to bring together buyers and sellers of used irrigation systems over the U.S. and Canada.

Either buyers or sellers of used systems can contact Valmont or an authorized Valley irrigation dealer for a complete listing of equipment available from Valley dealers.

The Company said that between 100 and 150 systems are regularly listed for sale monthly by various Valley dealers on the company's Realdeal Gram Valmont also said that financing is available for used Valley systems and for other brands on a selected basis. Center pivots, including electric, oil, water and air-drives are included in the listings, as well as travelers and wheel lines.

Valmont said that the National Used Irrigation Clearing House was an industry first. The Company also said that action was in part a response to the rising market for good used equipment in most sections of the U.S. and Canada. Full details can be secured by writing Valmont Industries, Inc., Valley, Neb. 68064 or call toll-free 1-800/228-9203 (in Nebraska call 1-800/642-9730). Valmont is the world's largest manfacturer of center pivot and linear-move irrigation systems.

**ROUND BALE HANDLER**

Popularity of round bale systems is spreading to the more humid, higher rainfall areas east of the Mississippi River, according to John Furry, Sperry New Holland

product manager for round balers.

As a result, explains Furry, there is an increasing demand for bale handling equipment to transport and store large round bales.

Indoor storage isn't needed in low rainfall areas and may not be economic for medium-quality grass hay which sheds rain rather well. But high value, thick stem crops such as alfalfa do not shed water as well as grass hay. This makes some sort of weather protection a paying proposition where frequent rains can be expected between harvest and feeding.

The new Model 90 round bale handler for Category II and III 3-point tractor hitches has been developed to meet these bale moving and storage needs, according to Furry.

Depending on bale diameter and tractor hitch specifications, this handler stacks round bales two-high on trailers for transport from field to storage area. At storage it can stack bales three layers high. This makes the unit a good choice for use in pole barns as well as where bales are stacked under plastic covers.

Safety must be kept in mind whenever round bales are moved, Furry points out. For most operations, stacking large round bales more than three layers high may tend to increase handling hazards.

For more information contact: Ivan Glick, Sperry New Holland, New Holland, Pa. 17557, 717/354-1277.

# *Fuel for farmers promised*

WASHINGTON, D.C. - Secretary of Agriculture Bob Bergland has announced that the Department of Energy (DOE) is immediately implementing a federal mandatory diesel allocation program that will entitle farmers and others in the food and agriculture sector to 100 per cent of their diesel fuel requirements.

"Any shortages of diesel fuel could significantly reduce the size of harvests, create a tight supply situation, and result in serious market disruptions."

President Carter has said he would not allow agricultural production to be disrupted by a shortage of petroleum.

The DOE action means wholesale suppliers of diesel fuel will be required to provide local distributors and retailers with supplies sufficient to meet farmers' needs. If necessary, major oil company refineries can be instructed to move fuel supplies to wholesale suppliers in agricultural areas.

"The Agricultural Stabilization and Conservation Service (ASCS) county offices will report farmers' planted acreages and provide other information that will help implement the agricultural priority and provide this information, upon request, to fuel dealers, state energy offices and the Department of Energy," Bergland said.

Bergland said county ASCS offices will continue to work with state energy offices and their allocation of the four per cent State diesel fuel set-aside for hardship cases.


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| 750-16 TT | 6 pr | $49 00 | $3 48 |
| 750-16 TT | 8 pr | $58 00 | $3 70 |

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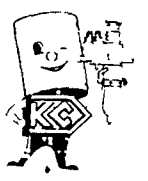

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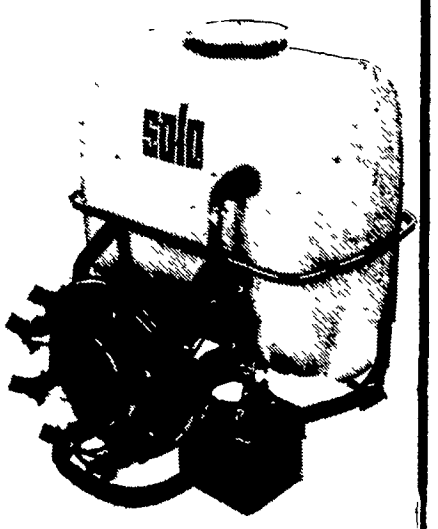
• 451 Model features standard centrifugal pump
• 452 model features a 285-psi heavy-duty piston-activated diaphagm pump in lieu of the standard centrifugal pump Outlet for high pressure hose
• MINOR herbicide boom, ULV and dusting attachments can be used.
• Net weight, empty· 155 lbs (451); 165 lbs (452)

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Charles Felty and his family, Tamaqua R1, are pictured above. Standing beside Charles is his son, Charles Jr., who is next to Carl. Seated are his wife Arlene and daughter Charlene.

# New York livestock operators suspended

BULLVILLE, N.Y. - John E. Tyrrell, Jr., and Maude B. Tyrrell, former operators of the John Tyrrell and Sons stockyard in Bullville, N.Y., have been suspended as registrants under the Packers and Stockyards (P&S) Act for violating financial requirements.

U.S. Department of Agriculture officials said the Tyrrells drew livestock trade from southeastern New York. They are not operating at this time.

The Tyrrells consented to the order and waived oral hearing, without admitting or denying the charges.

Administrative Law Judge John G. Leibet suspended the Tyrrell's registration for 30 days starting May 6, and until they demonstrate that they are longer insolvent. The Tyrrells may not operate as a dealer or market agency during the suspension.

The Tyrrells also were ordered to cease and desist from issuing insufficient funds checks in payment of net proceeds to consignors and failing to pay net proceeds to consignors, when due.

Dealers and market agencies are required under the P & S Act to maintain a solvent financial position and market agencies are required to pay net proceeds to livestock consignors promptly.

The P&S Act is a fair practices law administered by the packers and stockyards program of USDA's Agricultural Marketing Service. It promotes and maintains fair and open competition in the marketing of livestock, poultry and meat.


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# Pa. Young Farmers plan picnic

SCHUYLKILL HAVEN — The Pennsylvania Young Farmers Association will hold its annual Summer picnic in Berks County July 6 and 7, with the Blue Mountain Chapter of Young Farmers acting as hosts.

Clyde Derstine of Schulkill Haven R2 is general chairman of the event, which includes a tour of several Schuylkill County farms. Among the farms to be visited is the Charles Felty property of Tamaqua R1. Felty is a hog farmer and president of the Blue Montain Young Farmers.

Other agricultural operations included on the tour are the B and M Pet Feed Mill, L and L Pheasantry, Bonnie's Ceramics and Greenware, Bruce Leatherman's dairy farm and grain facilities, Lowell Koch's turkey farm, Heim's vegetable and layer farm, and Melvin Koch's Christmas tree farm.

Also on the program are a banquet, entertainment, bingo, and square dancing.


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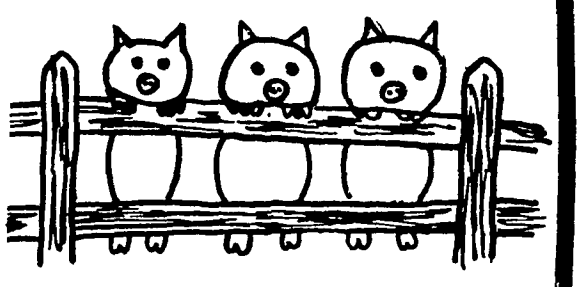
**DON'T WASTE IT — ROAST IT**

This little piggy went to market,
This little piggy stayed home,
This little piggy had

**ROASTED SOYBEANS**



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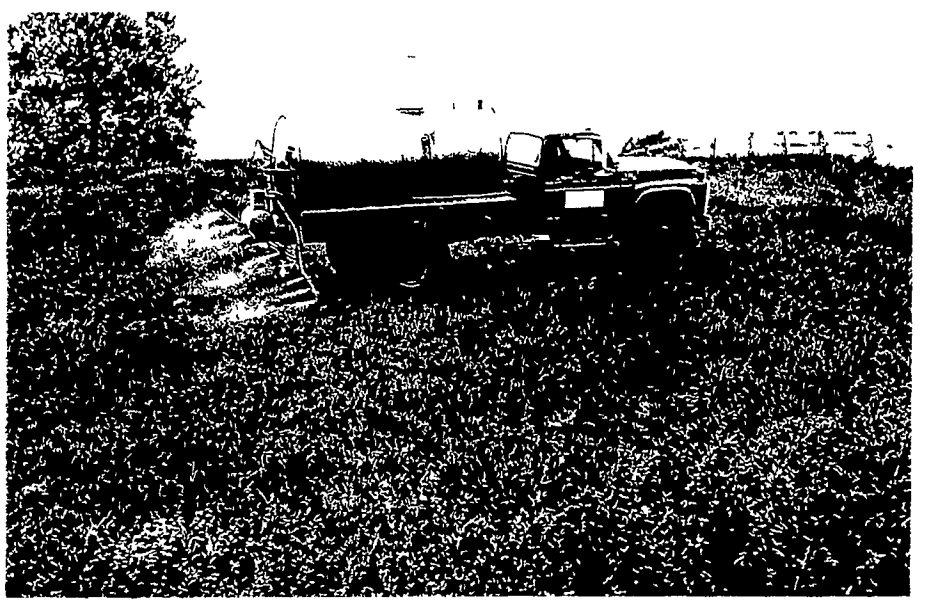

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Give alfalfa a liquid boost after the first cutting
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Arcadian liquid makes it easy Made the SLF® way, Arcadian liquid gives you uniform distribution of fertilizer ingredients from start to finish It's truly the efficient way to turn alfalfa into green gold

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# WHAT'S NEW

**FENCING SYSTEM**

An Australian company, Pyrani Nominees Pty Ltd., has developed a labor-saving fencing which can be used to enclose areas three to four times faster than conventional methods.

The company is seeking either direct sales or agreements to manufacture the product under licence here in the U.S.

The "G-Line" system, made by Pyrani Nominees Pty Ltd., consists of droppers and spacers, which have a series of tongues cut about 8 cm (3 in.) apart along their length

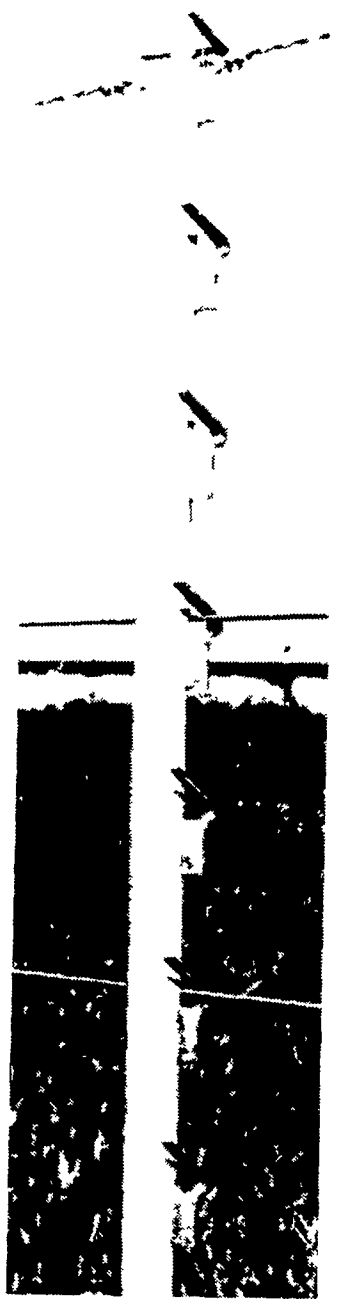
To erect the fence, strained or unstrained wire is placed into the tongues and then fixed securely into position by turning the dropper or spacer through a right angle.

Most types of agricultural wire, including barbed wire, can be used with the system.

The dropper is then driven into the ground. Depending on the condition of the ground, it may be necessary to use a driving cap for this.

The only wire ties required are at the top and bottom of each spacer. Droppers are not tied at all.

The cross-sectional shape



of the droppers has been proved to have a satisfactory load bearing ability and good structural strength

Existing fences can be repaired or strengthened quickly using the system

"G-Line" fences can be electrified without additional fencing wire being needed. Specially-designed insulators are available for this purpose.

Using the system, temporary fencing for use in strip grazing, dam fencing, or guarding trees can be erected or dismantled easily and quickly.

Droppers and spacers are available in 133 cm and 148 cm (52 in. and 58 in.) lengths in black baked enamel or galvanized finishes.

Special tools provided to erect and dismantle the fencing include a jack for lifting the droppers from the ground, a key for inserting or releasing wire from the tongues, a key for turning the droppers through a right angle, and a cap for driving the droppers into hard ground.

The system has been demonstrated at major trade shows in the USA.

Trade inquiries should be addressed to Pyrani Nominees Pty Ltd., 24 East Parade, Kingswood, South Australia 5062, Australia.

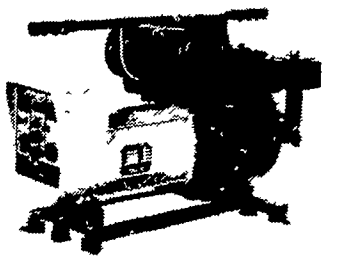
**MASTITIS TREATMENT**

The FDA has approved two additional label claims for the use of procaine penicillin G-novobiocin against mastitis-causing organisms in lactating cows. Procaine penicillin G and novobiocin are the active ingredients in Albacillin and Special Formula 17900 FORTE, mastitis treatment products produced by The Upjohn Company.

The new claims state that the products are effective against two additional streptococcal strains, **Streptococcus uberis** and **Streptococcus dysgalactiae.** The original label indicated effectiveness against **Staphylococcus aureus** and **Streptococcus agalactiae.**

Upjohn recommends that the products be infused twice, at a 24-hour interval, into quarters of lactating cows showing signs of mastitis. Cows should not be milked for six hours after treatment, and milk taken from treated animals should not be marketed for 72 hours following final infusion. There is a 15-day withdrawal period for animals to be slaughtered.

Albacillin is sold by TUCO, Division of The Upjohn Company, through farm supply stores, and Special Formula 17900 FORTE is marketed by Upjohn to veterinarians.



**ALTERNATOR**

A new 3750 watt portable alternator has been introduced by Generac Corporation of Waukesha, Wis., according to Richard Belmont, National Sales Manager. "The new unit, called the Builder II, features the popular new Briggs & Stratton 8 HP I/C engine with a cast iron sleeve. In addition, this unit has idle control, an often requested feature," according to Belmont. "The I/C engine with cast iron sleeve will give long life. Idle control lets the engine run at idle when there is no electrical demand on the alternator. The engine automatically accelerates to 3600 RPM when an electrical load is applied . . . adding longer life to the engine."

The new 3750 watt Builder II also has other Generac features including Dual Voltage, (both 120 and 240 volts are included on the control panel). Full Capacity Switch . . . for full output in either 120 or 240 volts from a single locking type outlet. Battery Charging . . . an 8 amp, 12 volt DC trickle charger with connection terminals located on the control panel. A spark arrestor, U.S. Forest Service approved muffler eliminates fire hazards in dry areas. And an optional protective cradle and wheel kit.

For more information contact: Generac Corporation P.O. Box 8, Waukesha, Wis. 53187 (414/544-4811).

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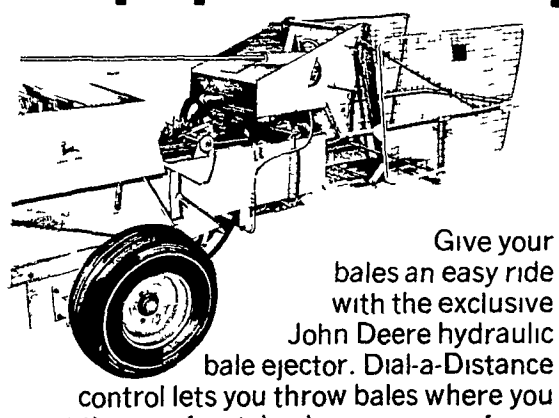
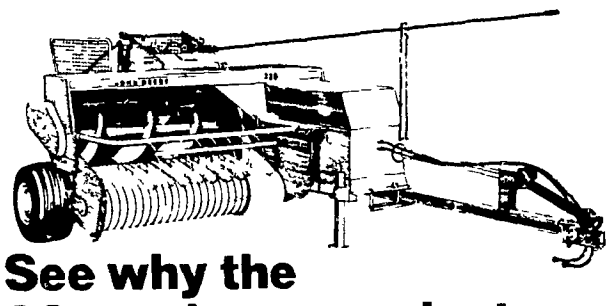
## Smooth-working hydraulics load bales with pinpoint accuracy



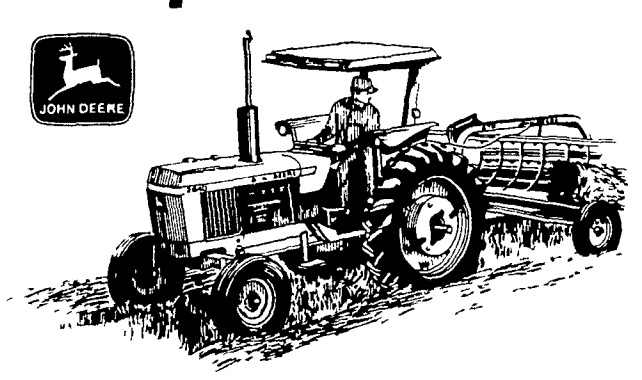
Give your bales an easy ride with the exclusive John Deere hydraulic bale ejector. Dial-a-Distance control lets you throw bales where you want them — front, back, or corners of your wagon. Stop by and see our gentle bale tosser.



## See why the 80-strokes-per minute 336 will give you better-shaped bales

With the economical 336, you get the features that mean solid, square-cornered bales. Features like steady auger feeding, adjustable feeder forks for even hay distribution in the bale chamber, and the extra capacity of 80 strokes per minute. Stop by for details.

## John Deere 70-hp 2640




## It'll handle your hay crop...and lots more

Trading off your old haying tractor for this John Deere will pay dividends for years. Because this model, and others in our 40- to 80-hp lineup, have proved to be among the most durable, most trouble-free tractors ever built by John Deere or anybody else. We seldom get any of 'em back in the shop for major repairs. And there's another long-term advantage. The rock-bottom base price of these tractors includes all the up-to-date features needed to work power-matched mowers or mower/conditioners, square or round balers, or even choppers for a good many years. Standard equipment includes closed-center hydraulics, 3-point hitch, PTO, drawbar, power steering, hydraulic brakes, diesel engine and much more. So, they're equipped for haying — and much, much more.

Spread your tractor investment over more working years — get a John Deere 40-, 50-, 60-, 70- or 80-hp Tractor from us soon.

**LANDIS BROS. INC.**
Lancaster, PA
717-291-1046

**ADAMSTOWN EQUIPMENT INC.**
Mohnton RD2, PA 19540
(near Adamstown)
215-484-4391

**PIKEVILLE EQUIPMENT INC.**
Oyster Dale Road
Oley RD2, PA
215-987-6277

**NEUHAUS'ES INC.**
RD2, York, PA
I-83 Loganville Ext 3
717-428-1953 cr
235-1306

**SHOTZBERGER'S EQUIPMENT**
Elm, PA
717-665-2141

**A.B.C. GROFF INC.**
New Holland, PA
717-354-4191

**ROBERT E. LITTLE INC.**
Zieglerville, PA
215-287-9643

**STANLEY A. KLOPP INC.**
Bernville, PA
215-488-1510

**KERMIT K. KISTLER INC.**
Lynnport, PA
215-298-3270

**M.S. YEARSLEY & SONS**
West Chester, PA
215-696-2990

**AGWAY INC.**
Chapman Equipment Center
Chapman, PA
215-398-2553

**I.G.'s AG SALES**
Silverdale, PA 18962
215-257-5136

## ALASKA KODIAK WOODBURNERS

## FIREPLACE INSERT

- Fits into your existing fireplace complete with all parts, including blower and instructions for easy installation
- Specifications (Large)
  Burning time 10 to 12 hours. Heating capacity with blower, 2,500 Sq ft., without blower 2,000 Sq ft Fireplace minimum opening 23½" high x 32¼" wide x 15¾" deep

MANY OTHER MODELS AVAILABLE

**CHESTER B. NOLT**
30 S. Hershey Ave., Bareville
Leola, Pa. 17540
717-656-6898

**STORE HOURS:**
Closed Mon. & Tues.
Open Wed., Thurs., Fri. 10 to 8
Sat. 10 to 4
Other hours by appointment

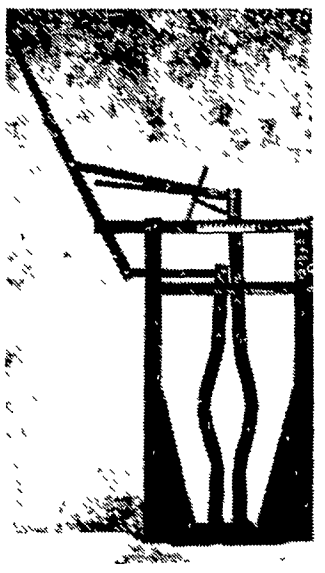
# WHAT'S NEW

**LOG SPLITTER**

A new log splitter which can be mounted on the 3-point hitch of a category 1 or 2 tractor has been introduced by Vermeer Manufacturing Co., Pella, Iowa.

The new Vermeer LS-50 Log Splitter splits logs up to 31 inches long under 22,000 lbs. of hydraulic splitting force. A single hydraulic lever sets the cutting wedge in motion. The LS-50 utilizes the hydraulic system of the tractor.

The 570 lb. attachment also features its own dismounting stand and is capable of being stored upright when not being used. For more information, contact the manufacturer.



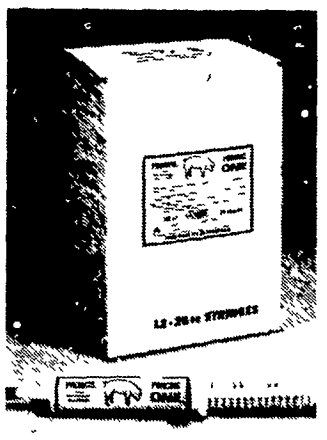
**HEAD GATE**

A headgate that securely holds practically any size hog has been developed by Wadler Manufacturing Company of Galena, Kans.

The Hog Hunter has stanchion posts that are infinitely adjustable to any width over a 10-inch span. The holding zone ranges in size from 3½ inches to a maximum of 13½ inches. This width will accommodate even the largest grand champion. The headgate is equipped with a semi-automatic lock that catches and holds at any point.

With a frame built from two-inch angle iron, the Hog Hunter is a heavy-duty gate that weigh 50 pounds. It can be mounted for either right or left-hand use to any wood or steel holding pen.

The Hog Hunter has a 32-inch closing lever. It provides good leverage and requires little effort to push the most stubborn boar into position Its frame is 38 inches high and 19¾ inches wide

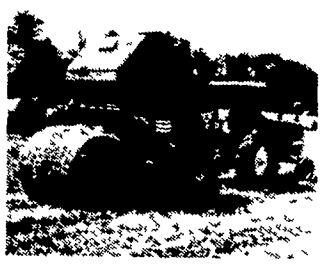


**PIG SUPPLEMENT**

A new form of Probios® brand microbial cultures formulated especially for first-day-of-life use with pigs is now available from Pioneer Hi-Bred International, Inc., NuLabs Division.

Porcine One incorporates large numbers of Lactobacillus organisms in a paste form for oral application to either day-old or weanling pigs This new form of microbial culture also provides vitamins A, D3, E and B12 as nutritional supplements during the most critical period in pig production, according to the company

For more information contact Pioneer Hi-Bred International, Inc , NuLabs Div Research and Development Center, Portland, Ore.



**ROUND BALER**

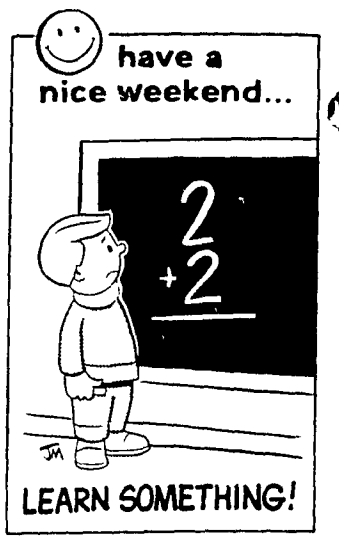
The new Model 851 round baler from Sperry New Holland combines higher capacity and improved leaf retention with easier servicing and operation, according to the company

The new Model 851 makes bales five-and-a-half feet wide and five-and-a-half feet in diameter weighing up to 1500 pounds.

Like the smaller Model 846, it features bale core formation, a large diameter Super-Sweep pickup to gather hay cleanly and a choice of manual or hydraulic remote control wrappers In addition there's an optional factory-installed Auto-Wrap tying mechanism that wraps bales automatically to reduce operator fatigue and increase daily baling capacity.

A fines-saver pan built into the tailgate retains the majority of leaves and fines often lost by other round balers, according to Sperry New Holland.

For more information contact: Ivan Glick, Sperry New Holland, New Holland, Pa. 17557. (717/354-1277)





## CONSIGNMENT SALE

**WEDNESDAY, JUNE 6, 1979**

AT 9:00 A.M.

Location: ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Watch for sale signs.

Tractors, Farm Machinery, Horse Drawn Implements, New Tools & Hardware. Positively no household goods. 175 Roof trusses up to 36 ft. long, 100 squares of roof shingles, 50 rolls of tar paper.

Sale By:

**DAVID H. GOOD**

717-656-8911

We Sell On Commission

No out of state checks accepted.

**— SPECIAL NOTICE —**

Hay, Straw & Ear Corn Sale Every Wednesday At 12:00 Noon.

Auctioneers: F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst

NOT RESPONSIBLE FOR ACCIDENTS

Next Sale — Wednesday, June 20, 1979

## PUBLIC SALE

**FARM EQUIPMENT, TRUCK, HAY, CORN**

**SATURDAY, JUNE 9,**

AT 10:30 A.M.

Location from Reading Airport take Rt. 183 North for about 3 miles make right turn onto Plum Creek Rd. to Fisher Mill Stream Rd. make left turn second farm on right. Bernville, #3 Berks Co., Pa.

Massey Ferguson 180 Diesel tractor, M Farmall tractor, Oliver grain drill, New Holland table blower, hay bind, Oliver 1 row corn husker, MF 3 pt. 3 bottom plow, side hay rake, disk, New Idea manure spreader, (3) 4 wheel rubber tired hay wagons, elevator with elec. motor, John Deere corn harvester, M C stalk chopper, International 110 truck with cattle box, 2 horse trailers, Gp 338 Yamaha Snow mobile, about 20 Tons of hay, 250 tons corn silage, ear corn, some house hold good's plus many articles not mentioned.

Auct. note: Be on time not many small items.

Terms: Cash.

Sale for

**ANTHONY P. VALEVARIO JR.**

Robert Zettlemoyer Sr.
Auctioneer Service
Phone 682-7470

Refreshments served

## PUBLIC AUCTION

**OF VALUABLE PERSONAL PROPERTY**

**MEMORIAL DAY**

**MONDAY, MAY 28**

At 9:30 A.M.

Location of Sale: Holtwood, R.D. #2 (Lanc. Co.). From the Norman Wood Bridge, proceed east on Rt. 372 approx. 2 miles, turn left on Hilldale Road and proceed North on Hilldale Rd. on half mile to sale site. Signs posted on day of sale.

The undersigned executors of the Estate of the late Joseph C. Shoff will sell at Public auction, on the premises, the following:

Mobile Home: 12 ft. wide X 60 ft. long, full features. Stove & refrigerator recently purchased, three bedrooms. Terms of sale on mobile home are 25% down day of sale, balance in 30 days. Note: Mobile home is on private land and the buyer will be required to move it within 90 days of sale date.

John Deere - "140" Lawn and Garden tractor with 49" mower deck and 4 ft. snow blade with hydraulic lift.

1968 GMC - "2500" pick-up trade, three-quarter ton, standard shift, good tires, C.B. radio.

1972 Ford - Grand Torino, station wagon, red with black vinyl top, many extras. Mobile Home, tractor and vehicles will be sold at 12 Noon.

**PERSONAL PROPERTY**

Savage 22 single-shot rifle, Savage 410 bolt action shotgun, Kodak dual-8 movie projector and Super 8 camera, Admiral 21" floor model color TV, Craig scanner, Whirlpool 14 c.f. upright freezer, Maytag chest type freezer, 75 gal. elect. water heater, Myers water pump with pressure tank, washer & dryer, AM-FM-8 TK console stereo, living room suite, 7x50 binoculars, fan, records, reels & rotary mowers, household goods, picnic table, tool chest, jig saw, circular saw, soldering gun, Co-op Kerosene space heater, bench grinder, hand & garden tools, socket set, elect. heaters, sander, die-grinder, spray gun, croquet set, vacuum cleaner, other items not mentioned. Contact Mr. Shoff at Ph. 285-4733 to inspect Mobile Home.

TERMS: Cash or Approved Penna. Checks.

**JOSEPH A. SHOFF**
**EMMA M. EHRHART,**

Executors

Frederick Toomey, Auctioneer
241 East Market St.
Hellam, PA. Ph. (717) 755-6105

## GAP AUCTION

**FRIDAY EVE., JUNE 1, 1979**

5:30 P.M.

Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge

**ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION.**

Inspection Friday from 9:00 A.M. until sale time.
CONSIGNMENTS ON MONDAYS
FROM 8:00 AM. TO 7 00 P.M.
OTHER DAYS BY APPOINTMENT
Call us for pick-up service

**IRA STOLTZFUS & SON, Auctioneers**
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

## FARMERSVILLE AUCTION

**TUESDAY, MAY 29, 1979**

6:00 P.M.

In Farmersville, 3 mi. East of Brownstown, Lanc. Co., Pa.

**VERY NICE ESTATE OUT OF LANCASTER!**

**ANTIQUES:** Walnut dining room suite; Walnut edroom suite; dresser set; wicker rocker; table ps; very nice secretary desk; ladderback chair; table; drum table; Windsor rocker; harp table; a dinner set; composition dolls; depression glass; bow glass stemware; glass basket; pressed glass; rry seeder, Holland silver-over-copper basket; erman silverplate dish; cast iron door stop; tumblers l stemware; cranberry covered candy dish; etc.

EG **HOUSEHOLD GOODS:** G.E. side x side re-, metal bed, complete; chime clock; floor lamp; chairs; metal wardrobe; tablecloths; hi-chair; ding chairs & card table; utility cabinets; TV's; fireplace screens; 2 pc. living room suite (like new); end tables; rugs; magazine rack; lamps; everyday dishes, etc

We sell on Commission.

Call: **JOHN J. RUTT**
717-354-5095

**Consignments being accepted for our Annual July 4th Antique Sale!**

## AUCTION SALE

**Contents of the Plumbing Business**

Located -- 1½ miles south of Kembelsville, PA & 5 miles north of Newark, DE on Rt. 896.

**THURSDAY, MAY 31**

AT 6:00 P.M.

Ridgid pipe machine, large 4 cycle Kohler generator, 2 portable hijacks, sewer rooter, Propane torches & gauges, Commercial air compressor, Kraftsman table & ban saws, Delta jig saw, Kraftsman belt sander, 3 large vises, metal bins, Singer gas heater 50,000 BTU (new), 2 Goulds jet pumps w/tanks (new), furnace vacuum cleaner, Dyes & cutters, exhaust fan, Come-a-long automatic crane vacuum system, machinist tool boxes, miscellaneous electrical supplies & motors, approx. 1000' of copper tubing, copper, brass & galvanized fittings of all kinds, C-clamps, 3 gas vents, new toilets & sinks, sump pumps, hand tools of all types and numerous items found in a plumbing business

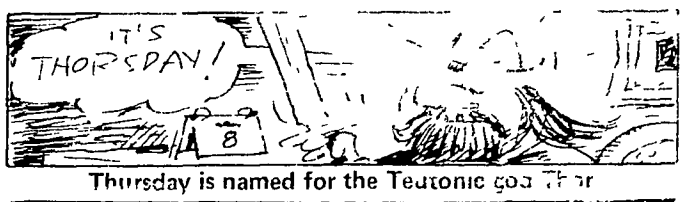
Toro push mower, 16 h.p Gravely tractor, 8 h.p Toro riding mower.

Terms are cash or certified checks only

Sale for

**ESTATE OF ALFRED DORSEY**

Auctioneer -
Harold S. Hill & Son
215-274-8525



Thursday is named for the Teutonic god Thor

HAROLD BONG REAL ESTATE

# AUCTION

## FRIDAY EVENING, JUNE 1, 1979

7:00 P.M.

**ON HORSE RUN ROAD, 3 miles off Route 44, just north of SHINGLEHOUSE, 22 miles north of Coudersport, Pa., 18 miles south of Olean, N.Y. Watch for Auction Arrows in Shinglehouse!**

200 Acres of Land, 115 acres in New York State, 22 acres in Pennsylvania One 2-story House, needs a lot of repair. Free Gas for one house These two lots will be offered in auction as one lot.

60 Acres on opposite side of highway to be offered in auction as one lot. Thereafter, the almost entire 200 acres will be auctioned to determine a bid received in excess of the combined previous two bids

ONE CONDITION OF SALE will be that each successful bidder or bidders will be required to pay down monies on the signing of the Agreement of Sale in the amount of $5,000.00 by Certified Check payable to the Estate of Harold Bong, balance on delivery of deed.

The Estate reserves the right to refuse any and all bids

**Property located in excellent deer, bear, turkey area!**

**Auctioneer: Si Pepperman**
**(814) 698-3431**

Not reponsible for accidents on premises If you are interested in holding an auction, call the above number Remember, we let YOU decide!

# CAMP-LEN-HOW-AUCTION

## REAL ESTATE & PERSONAL PROPERTY

Nicholson, Pa. Wyoming Co.

**Public sale at the Camp. Located 1 mile South of Nicholson, just off Pa. Rts. 92 & 11 — also 20 miles N. of Scranton. Watch for Bunnell Arrows.**

## SATURDAY, JUNE 9

9 A.M. SHARP

**- 2 - TRAVELS 10 x 55 -**
**MOBILE HOMES - 2 -**

IHC Model 444 G-Tractor, 3 pth Brush-hog, 2-18 ft. alum. canoes, 2-15 ft. alum. boats, 400 single beds & mattresses, 150 folding chairs, 20 folding tables, 60 benches, York safe, 1971 Ford F-100 - as is; oak furniture, andirons, amplifier w/8 speakers, filing cabinets, record player, 6 outdoor speakers, 2 elec. feed pumps for pool, 20 sleeping bags, 200 blankets, 200 sheets & pillowcases, 2 Maytag washers, 2 gas water heaters, Curtis Fogger, loads of athletic equipment & games, all office equipment & supplies, Hebrew books, 12 fire ext., elec. motors & grinders, lawn mowers, 10 work tables, 25 metal chairs, 25 brooms & mops, stands, tables, wall scale, refrigerators, gas & elec. stoves, 5 Vulcan commercial kitchen stoves, Hobart dishwasher, 2 Comm-Mixers; 2 Vulcan fryers, cooking kettles, 4 lge. chrome sinks, 1000 asst. dishes, silverware, 3 oak flat top desks, office furniture, end tables, 10 chest drawers, loads of small tools and many items not listed for this large sale.

**- REAL ESTATE -**
- 1:00 P.M. Sharp -
**94 Acres presently known as Camp Len-How**

Parcel #1: 89 acres w/2 homes, dining hall & kitchen, recreation hall, tool shed, arts & craft bldg., infirmary, 10 girls cabins - sizes to 34 x 40 ft., 5 boys cabins 34 x 40, swim. pool 40 x 80, 12 basket ball stands, tennis court, 8000 gal. water tank, 60 A. level creek flats, all bounded by the sparkling waters of Tunkhannock creek.

Parcel #2: 5 Acres - a real shangri-la with 5 cabins, one w/a fireplace. All located across the Tunkhannock creek on the North next to Pa. Rt. 92. Legal description found in deed book no. 192 - page 912 at Tunkhannock Court House. Real Estate will be offered with buildings and without buildings whichever is acceptable to the owners.

P.S. — 14 bldgs. maybe sold for use of the lumber.

This beautiful camp offers many business opportunities for camp sites, picnic grounds, horse training stables, farming and ideal building lots. All convenient to Nicholson and nearby shopping areas.

Terms: Real Estate 15% down at closing of the bids. Balance paid in 30 days. Personal property — cash or approved checks on day of sale.

Lunch Served

Owners,
**JOHN F. FOX**
**LEWIS F. ZUCKERMAN**
**HENRY HOREY**

**M. L. Bunnell Auction Sales**
**Springville, Pa. Ph. 965-2375**
**Ray & Chris Poulsen, Appt. Auct.**

Not responsible for accidents or loss of mdse.

BOB & VICKI GAUDETTE

# COMPLETE DISPERSAL

Fabius, N.Y. (Onondaga County)

## WEDNESDAY EVENING, MAY 30, 1979

6:00 P.M.

**Sale to be held on the farm on the Keeney Road. Use Rt. #81 to Exit 14 at Tully, to Rt. #80 and go east to Fabius. Turn at the monument in Fabius & go 2½ miles south to the farm OR Turn off Rt. #13 in Cuyler just past Newcomb Ford to Tripoli Road and then to Keeney Road, go 4½ miles north to farm. Watch for arrows from Cuyler & Fabius!**

### 70 - TOP CATTLE - 70
### (15 Registered Holstein & 25 I.D. Grades)

38 mature cattle (36 Holsteins & 2 Red and White). 17 due July thru Nov.; some just fresh, others handling or bagging; some bred for early winter; balance in all stages 14 bred Holstein heifers ranging from just bred to springing or due in fall; 5 yearling open Holstein heifers; 7 six to eight month old heifers (6 Holstein & 1 Registered Brown Swiss by Beautician); 5 four month old heifers; 1 Holstein-Hereford cross started steer. You will find a top herd here with udders the way you like them. 15 are registered out of such sires as Oliver P, Combination, Jupiter Ted, Mowrey C Rocket, Belmont, Fond Billy and others. Service sires include Jerri, Chip, Fond Billy, Coldspring Stylemaster Wizard, Poverty Hollow Burkhov Demand, Bicken and others. They have always used bulls with 1,000 lb. PD. 25 Identified Grade Holsteins. Last official test showed some cows milking 70 and 80 lbs. per day. Herd has been blood tested for Brucellosis and T.B. Tested and are eligible for immediate interstate shipment. Necessary cattle Vet examined for pregnancy and herd has been shot for Lepto.

### MACHINERY (Sells at 7:00)

Farmall 560 gas tractor w/wide front, overhauled last fall; Farmall 460 gas tractor w/wide front; Int. 340 gas utility tractor w/wide front, overhauled last fall; Int. 990 haybine; JD 4 wheel side rake; Niemeyer 2 umbrella tedder; JD 336 Baler w/thrower, used 2 seasons & like new; 2 kicker wagons; Cross JD 336 Baler w/thrower, used 2 seasons & like new; 2 kicker wagons; Cross elevator; Int. 3 btm fast hitch plows; Int. transport discs; Nice Crop Sprayer; Int. #56 4 row Corn Planter; Int. 350 Chopper w/1 row corn head & pick up head; Lamco self-unloading wagon; Gehl self-unloading wagon; Kools blower; Hawk barrell manure spreader, needs work; Int. 1150 grinder mixer, 2 years old and nice; American 3 pt. vertical log splitter; Olympic 3 pt. york rake; Int. Scout, needs work; New Idea #10 1 row corn picker; Fence trailer; J.D. A-18 power washer; and other misc. items. **Milking Equipment:** 5 Universal floor type milkers; Sta-Rite dumping station w/100' of hose; Sta-Rite line dryer. **Special:** JD 400 diesel tractor w/backhoe & loader, nice shape; JD 1010 gas bulldozer w/6 way hydraulic blade, nice shape; Western style side saddle; Shetland pony; Old City Gleenwood wood stove.

### HOUSEHOLD ITEMS (Sells at 6:00)

Assorted household items of all kinds. Something for everyone!

### REAL ESTATE SELLS AT AUCTION (at 8:00)

Parcel #1-84 acres on west side of Keeney Road w/5 bedroom house & 54 stall dairy barn. Some tillable acres. It would make a good horse, beef, or small dairy farm. Opening bid to be $38,000. Once opening bid is obtained, the property absolutely sells at auction.

Parcel #2-74 acres on east side of Keeney Road. Pretty much all tillable and real nice laying land. Lots of road frontage. Opening bid to be $32,000. Once opening bid is obtained, the property absolutely sells at auction.

Listed exclusively w/Decker Real Estate — Mel Manasse, Associate Broker, 607-692-3665 or 607-692-4540. Inspection invited.

P.S. — Truly a complete dispersal. A real super set of cattle. Also a full line of machinery, household goods, and Real Estate. Don't miss it!

Sale Order — Household & Misc. at 6:00; Machinery at 7:00 followed by backhoe and dozer; Real Estate at 8:00 followed by milking equipment and cattle.

Terms — Personal Property — Cash or One-Way Checks night of sale. Real Estate — 10% down night of sale, balance in 30 days on passing of deed.

Refreshments Available.

Owners,
**BOB & VICKI GAUDETTE**
315-683-5532

**Mel Manasse**
**Sales Manager & Auctioneer**
**Whitney Point, N.Y.**
**607-692-4540**

# *Marketing order proposed for New England apples*

A proposed federal marketing agreement and order program for apples grown in six New England states moved a step further, as U.S. Department of Agriculture officials tentatively decided that evidence from a public hearing supports it.

The public hearing, held in West Springfield, Mass., and Brentwood, N.H., last December, was requested by the New England Apple Marketing Order Study Committee.

P.R. Smith, assistant secretary of agriculture, said the proposal calls for a committee of 10 grower and 4 handler members and a public member. This committee would work with the department's Agricultural Marketing Service (AMS) in running the program on a local level.

The program would authorize the committee to set maturity regulations that would be applied to fresh shipments of apples grown in the proposed production area. It would also authorize the establishment of production and marketing research and development projects.

The department's recommended decision was published in the May 17 Federal Register, and comments will be accepted until June 18. Two copies of comments and exceptions should be sent to the Hearing Clerk, USDA, rm. 1077-S, Washington, D.C. 20250.

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**Bureaucrat**

In 1875, the director of the United States Patent Office sent in his resignation and advised that his department be closed According to newspaper accounts, he didn't think there was anything left to invent

# AUCTION

## SATURDAY, JUNE 2

BEGINNING 10:00 A.M.

**1 mile east of Galeton, Rt. 6 — Watch Auction Arrows at Perma Stone Inn.**

Dinette Table, 6 Chairs, Magic Chef Cook Stove (like new), Warm-Morn Elec. Heater, Apt. size Wood-Coal Cook Stove, 2 Utility Cabinets, Kitchen Cabinet, Roll-Away Bed, Elec. Toaster, Elec. Can Opener, Wood Stove (new), lg. Elec. Griddle, Elec. Fry Pan, Coffee Maker, Davenport (like new), Upright Player Piano, lots of Rolls, Upholstered Chairs, (3 like new) End Tables, Fish Aquarium, Floor Lamps, Rockers, Flat Front China Closet, Plant Stands, Elec. Mixer, Glass Top Coffee Table, Hand Sweeper, new Door Chimes, Wringer Washing Machine, Bissell Sweeper, Foot Stools, Bar Stool, Rocker Tapestry Upholstered, Elec. Broom, Pine King Size Headboard (new), Upright Hand Wind Phonograph, Oak Cupboard (2 glass doors), Books, Mirrors, Wardrobes.

Table model MIRA MUSIC BOX 18½" METAL RECORD (some extras) sm. Buffet with built-in hand wind Phonograph, Library Table, Plank Bottom Chairs, 4 Oak Chairs, 6 Oak Chairs, Oak Rockers, Rug Beater, Leather Upholstered Love Seat & Chair, Metal Bed, Dressers, Wardrobe with Desk, Oak Chest, 3 pc. Bedroom Suite, Trunks, Wicker Clothes Hamper, real nice Picture Frames, Treadle Sewing Machine, small metal Jewelry Boxes, Fruit Jars.

2 Cast Iron Griddles, lg. Iron Kettle, Dutch Oven, Hand Corn Cracker, Oak Cup & Saucer Holder, Blow Torch, Hand Grinder, 2 Butter Churns, 2 Wood Butter Bowls Butter Mold, Copper Boiler, Wash Board, Flat Irons, lots of Crocks, Cast Open Fire Waffle Iron, Cast Iron Kettle with bail, 2 Wooden Yokes, Seth Thomas Clock, Express Wagon, Oil Lamps, Oil Lantern, RR Lantern, Aladdin Lamp, Metal Oil Lamps, Round Oil Heater, Blue Oil Lamp, 8' Bob Sled, Brass Light Fixtures, Shoe Button Hook, Wall Telephone, Dinner Bell, School Bell, Cow Bells, Sleigh Bells, 2 Metal Wall Lamp Hangers.

Brush Nips, 4" Endless Belt, Cleaver, Hand Meat Saw, sm. Meat Grinder, Corn Stabber, Scythe, ¼" Drill, Vibrator Sander, Ice Tongs, Corn Sheller, Nail Puller, 24" Pipe Wrench, 3' Bow Saw, 2 Step Ladders, Filing Cabinet, Rem. Port. Typewriter in case (like new), Garden Tools, 2 Tanned Sheepskin Hides, Log Chains, Grabs, 12' Metal Gate, Lawn Cart, Jacobson Roto-Tiller, 18" Elec. Lawn Mower, 18" Agway Lawn Mower, 16" Reel Mower, Barbecue on wheels, 30' Wrought Iron Railing.

DISHES — Cut Glass Vases, Cut Glass Dishes, Depression Pink, Green, Blue, Yellow, lg. English Tureen, Etched Dishes, 40 pc. Haviland, hand painted German, Opalescent, Carnival, Black Amythest, Pressed Glass, 5 real fancy Salt Dips, Salt & Peppers, Miniature Bottles, Avon Bottles.

COIN COLLECTION — 1921, 22, 72, 74 Silver Dollars, 41, 42, 43, 45, 57, 62, 63, 64, 65, 67, 68, 69 Half Dollars, Indian Head Pennies.

NO PRE-SALES OR VIEWING!

TERMS — CASH or GOOD CHECK. LUNCH.

**Auctioneer: Si Pepperman**
**(814) 698-3431.**

Not responsible for accidents on premises. If you are interested in holding an auction, call this number. Remember, we let YOU decide!

# Dairy co-ops healthier now

UNIVERSITY PARK — Two Penn State agricultural economics professors told a group of bankers last week that they believe dairy cooperatives by and large are better prepared now to solve problems than they were a few years ago. In a presentation entitled: "Milk Co-op Disruptions -Will There Be More," Drs. James G. Beierlein and Thomas A Brewer described the current postures of dairy cooperatives as being more stable. They characterized them as having learned from bitter experiences and now having better management than before.

In making the remarks, the two professors spoke in general terms, not in regards to any one or two cooperatives specifically.

"What contributed to cooperatives' problems in the past is not likely to happen again," said Brewer, "because of better management and larger treasuries."

According to the Penn State economists, a half dozen factors contributed to the instability and financial woes the cooperatives experienced earlier in this decade. The reasons are: 1. dairy marketing structures expanded too rapidly, resulting in excess handling capacity, 2 imports, 3. highly financed operational activities of the co-ops themselves, 4 cooperatives were returning more to members than the federal price allwed, 5. huge investments which may have been ill-timed, and 6 managerial inadequacies

"Most cooperatives have come out of the woods financially, and I believe some consolidation could speed things along," Brewer concluded.

# Metric system is inevitable

WASHINGTON, D.C. - Leadership in converting the nation's private sector from the inch-pound system to the metric system must come – from the private sector. That's pretty much what Howard Hjort, USDA's director of economics, policy analysis and budget, told representatives from 19 agricultural organizations during a Washington metric conference last week.

Hjort was the keynote speaker at the conference, sponsored by the American National Metric Council and USDA. Though he offered USDA's assistance and assured the conference that the department would actively participate in coordinating its internal metrication program with the private sector's conversion timetable, he urged representatives of the private sector to begin the process of conversion on their own.

"The constraints on governmental agencies make it impossible for USDA to do this for you," he warned."

"The world is committed to this modern system of measurement," Hjort said. "There is no way the United States can escape the change. To stick our heads in the sand will only serve to prolong the agony: it won't change the ultimate outcome."

## BRED GILTS

**Approximately 40 Head**
**3 & 4 Way Cross Bred Gilts**

Purebred boars used over the past several years.
YORKSHIRE came from Real Farms.
DUROC from Mark Nestleroth.
LANDRACE from Glenaire Farms.
CHESTER WHITE from James Parlett.
Gilts for sale are bred to purebred York from Leonard Arnold & Spotted Poland China from Russel Kegg.

Ten to 15 gilts to be sold at New Holland after Feeder Pig Sale, May 30 and 25 to 30 to be sold later.

Consigned by
**EDWIN RANCK**
RD1 Christiana, PA 17509
215-593-6488

## PUBLIC SALE

**OF 20 ACRE FARM AND EQUIPMENT**
**SATURDAY, JUNE 2**
AT 11:00 A.M.

Located along Nagle Road, approximately 1½ miles South of Route 422, Exeter Township, Berks County, Penna. From Route 422 take Lincoln Road to Nagle Road.

**REAL ESTATE**

GROUND. Approximately 20 acres level, mostly open and tillable, soil in very high state of cultivation.

HOUSE: 2½-Story Stone. First floor has modern kitchen with fireplace, dining room, living room, utility room and full bath. Second floor has 4 large bedrooms, full bath and fireplace in master bedroom (dome of the doors and woodwork are in natural chestnut finish). Full basement, hot air heat, shingle roof.

BARN: 30' x 40' 1½-story barn

OUTBUILDINGS: 15' x 45' frame storage shed and work shop, summer kitchen and smoke house, well water and pressure system

SCHOOL DISTRICT Exeter.

COMMENTS This property is in very good condition, beautiful private setting and drive. House has been completely remodeled within the past 2 years. All aluminum windows, etc. No maintenance. Nice lawn with large green trees and shrubbery. Inspection any time by appointment. Call HORNING FARM AGENCY, INC 215-286-5183. Terms 10% down day of sale, settlement within 60 days.

Real Estate Sold at 11:30 A.M.

**FARM MACHINERY**

Ford tractor - 8N (completely overhauled), John Deere 3 point harrow, John Deere 2 row corn planter 3 point, Ford 10' wheel disc, Allis Chalmers haybine, New Holland manure spreader (tank type), hay elevator, field sprayer, New Idea hay rake, New Holland Super 68 baler with thrower, 2 hay wagons with sides, 2 wheel trailer, David Bradley garden tractor, John Deere 214 riding mower with front loader (2 years old), 3 point backhoe, Wagnor front end loader, International front weights, John Deere front weights, air compressor, fuel tank, 190' split rail fence (3 section), fence posts, lumber, 2 horse trailer, 1969 Chevrolet Impala, 1970 Chevrolet ½-ton pickup and other small items not mentioned

**ANTIQUES**

Oak hall rack, oak round table with claw feet, oak spindle chairs, 2 Hoosier cabinets (1 oak), antique Prizer Royal cook stove with warming oven, large old school bell, antique jute box (5 cent Williams Music Mite)

Terms by
**JOHN P. & GAYLE BEHM**
Forry & Forry, Attorneys
Elton & Alvin Horning, Auctioneers
Horning Farm Agency, Inc
Main Street, Morgantown, Pa
215-286-5183

## COMPLETE DISPERSAL

JAMES WALKER
GORHAM, ME.
**HERD - EQUIPMENT - 2 HARVESTORES**
**THURSDAY, MAY 31**
10:00 A.M.

Farm on Rt. 114 5 miles North of Gorham from Maine Pike take exit 8 & Rt. 25 to Gorham.

Farm is sold. Entire herd must be dispensed on very short notice. Time is not sufficient to permit coverage in Breed & Farm Journals. Our loss can be your gain.

**116 REGISTERED HOLSTEINS**
**62 In Milking Herd - 10 Bred - 44 Open Heifers.**

DHIA Tested, rolling herd average March 79
66 head 15,662M, 3 6%, 568F
Individual Records to 26,048M, 1057F
Classified 5-17-79, 14 VG, 29 GP, 15 G.

**TWO HARVESTORE SILOS SELLING**

(1) 25' x 65'
(1) 20' x 65'.
Both with Goliath Unloaders

**EQUIPMENT STARTS 10 A.M. & INCLUDES**

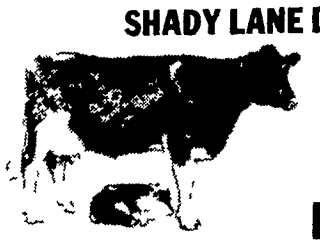
Fox #6200 forage chopper, 4 wheel drive, self-propelled; Int 706 diesel tractor, MF 135 diesel tractor, Farmall M, Many other smaller items.

Herb TB & Bangs clean, all tests current.

**W. A. BAKER & ASSOCIATES**
Sale Managers
Box B
Exeter, NH 03833
603-679-8742

Auctioneer -
William Kent
Bergen, NY
716-494-1890

SHADY LANE DAIRY SALE



## TWO COMPLETE HERD DISPERSALS

**FRIDAY NITE, JUNE 1**
7:30 P.M. D.S.T.
At Shady Lane Dairy Sales, ¼ mile West of Quarryville, PA off Rt. 372 on Oak Bottom Rd.

**100 HEAD OF REGISTERED & GRADE HOLSTEINS**

A local herd of home raised Holstein cows. Some just fresh, many due this summer & fall. The balance in all stages of lactation. Always good producing herd.

Also a herd from Milton Myers, Worton, DE. Our pick from this home raised bunch of cows including 10 due in June & July, many just fresh & many fall cows. This is a good quality herd. Here is a rare opportunity to buy fall milk from two top herds.

One group of 10 first calf heifers that are either springing or fresh bought from one herd. Plus 25 top registered & grade springers & fresh cows that are our pick out of many local farm dispersals.

Farmers here is a opportunity to buy with confidence from two complete herds. These are good sound cows that have not been shipped around or abused. All cattle are of large size & good dairy quality. Absolutely no cows sold out before sale. New customers always welcomed but we build our business on our repeat business. We try to work for you.

TB & blood tested. Health charts sale day. Pregnancy examined by vet.

**SHADY LANE DAIRY SALES**
Quarryville, PA 17566

Owners,
Glenn D. Fite 717-786-1750
David L. Fite 717-786-1725

Terms: Cash or good check. No credit. Bank approved financing only.
Not responsible for accidents.

## PUBLIC AUCTION

**THURSDAY, MAY 31**
At 5:30 P.M.

In back of Keim's Service Station along Route 325 at Gold Mine Cross Roads; 1 mile South of TOWER CITY; across street from Star Craft plant.

**COINS - ANTIQUES & COLLECTIBLES**

Blanket Chest; **Oak Extension Table** w/Claw Feet; Oak Sideboard; Oak Counter w/Drawers: Swivel Chair; Highchair; Piano Bench; Small Pot Belly Stove; Iron Bucket; **Copper Kettles**; Brass Items; Small Baskets; Cherry Boy; Clothes; Trees; **Copper Wash Boiler**; Beam Scale; Meat Saw; Apple Peeler; Cherry Seeder; Sausage Stuffer; Slaw Cutters; Brass Washboards; **Lanterns; Oil Lights; Sad Irons;** Composition Dolls; Picture Frames; Bottles; Clocks; Men & Ladies Watches, Key Wind & some Closed Case Watches; Watch Fob; Old Eye Glasses; **Lots JUGS & CROCKS**; Books including: Tower City-Porter Township Centennial Book; Cruet & other Pressed & Pattern Glass Dishes; Wooden Wheelbarrow; Milk Cans; Arrowheads.

**Lg. Lot COINS including:** Flying Eagle & Indianhead Pennies; Rolls of Lincoln Wheat & Zinc Pennies; Buffalo & V-Nickels; Morgan Dimes; Quarters & Halves; Silver Dollars including: Uncirculated 1882-cc, 1883-cc & 1884-cc; 1971 Eisenhower Proof Dollar; 1972 Proof Set; 1858 Flying Eagle Penny; Lot 1955 Halves; 1834 & 1961 Half Dollars; **1902 $5 GOLD COIN.**

**HOUSEHOLD ITEMS**

RCA Color TV; 4-pc. Bedroom Suite w/Pineapple Poster Bed; **SINGER TOUCH & SEW ZIG-ZAG** model 758 **SEWING MACHINE** in Maple Cabinet, like new; Chest-type freezer; 100 pc Set Salem Heirloom China; Cedar Wardrobe; Bedroom Suite; Automatic Washer; Porch Swings; Toaster Oven; Irons; Toaster; Clocks; Dishes; Stainless Steel Lifetime Cookware; S/S Food Chopper; S/S Buckets; Carpet Sweepers; Bureaus; Stands; other items.

**TOOLS & EQUIPMENT**

Sears Roto-Tiller; (2) McCullough Chain Saws; NCR Electric Cash Register; (2) Manual Cash Registers; Adding Machine; LOT Nuts & Bolts; Wheelbarrow on Rubber, new condition; PTO Cable Winch, approx. 5 Ton; 1 h.p Refrigeration Unit; Lawn Mowers; Casters; many other items.

— AREMINGTON 22 PUMP RIFLE, like new.

Owners,
**RALPH A. KEIM & KATHERINE P. KEIM**

Auctioneer - George Deibert
(717) 425-3313

# Tent caterpillar, gypsy moth differences told

HARRISBURG – Many area residents are confusing the tent caterpillar with the gypsy moth and, as a result, numerous telephone calls are being received by the Department of Environmental Resources' Forest Pest Management lab, at Middletown.

John W. Quimby, a forest entomologist, said if there are web tents in the affected tree or in the immediate area, and if the caterpillar is hairy, black, with white and blue markings including a white stripe down the middle of the back, it is most likely the eastern tent caterpillar.

The gypsy moth is also hairy and basically black, said Quimby, but it has a double row of colored spots down the back. The first five pairs of spots are blue and the remaining six a brick red color.

Also, at present the gypsy moth caterpillar is only about a quarter of an inch long while the eastern tent caterpillar may range from one to one and one half inches long.

Quimby said the eastern tent caterpillar feeds primarily on wild cherry, which can survive repeated yearly attacks, but will also attack apple, quince and crabapple trees. Usually it is found in the silken tent or feeding on a tree's leaves but when it runs out of food or when it is time to pupate it can be found on the lawn, roads, sidewalks and buildings.

Unless the caterpillar is on a valuable fruit tree or ornamental plant, or the trees are close enough to a home that the migrating caterpillars might become a nuisance, it is usually not advisable to treat with insecticides. If treatment is desired, it should be done when the caterpillars and tents are quite small.

Several insecticides are registered and approved by the Environmental Protection Agency but before purchasing any material, the purchaser must be certain that both the insect and the host tree or plant are approved according to information on the label.


By Order of Walter M Jeffords Jr

**66 Acre CHESTER COUNTY, PA. Farm**

**BRYSON & ROSS-FORDING RDS.**

**West Fallowfield Twp.**

1½ Mi. N. of Village of HOMEVILLE • 6 Mi. N of OXFORD

**AUCTION**

Subject to Confirmation Poss Subj to Existing Leases
AS PARCELS COMBINATIONS OR ENTIRETY

Stone Colonial Farmhouse. Lovely Octoraro Creek.
IDEAL for Gentlemen's Mini-Horse/Dairy Farms & ESTATES
ZONED RURAL AGRICULTURAL 2-Acre Min Lot Size
TRACT 1 13 Ac.—FARMHOUSE BANK BARN w/Steer Pen SILO OVER 1500' OF ROAD FRONTAGE 2-Story Stone FARMHOUSE 2 Fireplaces 4 Bedrooms, Bath TRACT 2: 13 Ac 641 on Ross-Fording Rd
TRACT 3 23 Acres 758 on Ross-Fording Rd
TRACT 4 16 Acres 466' on Bryson Rd

ALSO TO BE SOLD 29 AC. (Part of former Ray Farm)
PARCEL B: 12 Ac.• PARCEL C: 17 Ac.
STREET RD. thru to HOMEVILLE RD.,
UPPER OXFORD TOWNSHIP
TO BE SOLD AT FARM #1

Inspection DAY OF SALE
SALE OF BOTH PROPERTIES ON FARM #1
Bryson & Ross-Fording Rds.
SATURDAY, JUNE 9 at 11 A.M.

REQUEST ILLUSTRATED BROCHURE
Terms 15% Deposit By Cash or Check

Louis Traiman
AUCTION CO OF PA
Real Estate Brokers — AUCTIONEERS
1519 SPRUCE STREET PHILADELPHIA PA 19102 (215) 545 4500



**PUBLIC AUCTION**

For 2 local Estates, at RUDNICK's Sales Barn, Rt. 213, Galena, Md.

**SATURDAY, JUNE 2**

AT 12 NOON

ANTIQUES: Victorian love seat, 4 carved chairs, oak round table, oak chairs, sideboard, server, oak chest & bed, wicker sofa-chairs, oriental throw, canton plate, Limoges, flow blue china, glassware . . . 18 Antique clocks (New Haven, Waterbury, O.G. etc.) Lots of Furniture. . . .

Rudnick,
Auctioneer (301) 648-5100



**PUBLIC SALE**

**OF VALUABLE REAL ESTATE, ANTIQUES AND PERSONAL PROPERTY**

**SATURDAY, JUNE 2**

At 9:00 A.M.

The undersigned, will offer at public auction on location at R.D. #12, York County, Pa., the following real estate, antiques and personal property.

Location of Sale: From Rt. 83, Exit 7, Mt. Rose Ave. (Rt. 124) proceed East approx. 8 mi. Sale located one half mile east of Golden Spike Restaurant, along East Propsect Road.

**REAL ESTATE**

Real Estate consists of a 5 acre tract of land, improved with a two-story frame home with 4 rooms & bath on first floor, 5 rooms on second floor, a one car garage and several outbuildings. Property may be inspected by contacting Mr Nathaniel Fake at Ph 252-1389 (717).

**Terms of Real Estate: 10% down day of sale, balance in 30 days. Real Estate will be offered at 1:00 P.M.**

**ANTIQUES & PERSONAL PROPERTY**

Beautiful parlor stove marked "Lillian-B" completely nickel-plated, oak drop front desk with side leaves, single-column round oak table, 6 decorated plant-bottom chairs and matching rocker, 6 oak plant seat chairs, wall clock from E. Prospect Bank, oak sideboard, rope bed, 2 dove-tailed night stands with drawer, oak curved glass china closet, dove-tailed blanket chest with till, oak washstand with towel rack, oak mirrored chest of drawers, high oak bed, several oak parlor stands, dove-tailed Empire chest, oak clothes tree, drop leaf table, pattern-back rockers, oak bedroom suite, oak picture frames, shelf clock, fainting couch, Sears crank record player, oak platform rocker, Victorian table, 25" high girl with goose, brass Rayo lamp with milk-glass shade, dated Ripley oil lamp, finger lamp, wall bracket lamp with mercury reflector, automobile trunk (circa 1930), large schoolhouse bell, storehouse scales, compositon doll, Remington 32 cal. single shot (1902), Union Machine Co. 12 ga. double barrel, hammer type shot gun; advertising tins of every description, local postcards, Hershey choc. post cards, ABC tin plate (Who Killed Cock Robin), cast iron "Columbia Tower" bank, butcher kettle, lard press, blue granite, redware crocks, Carnival, depression and pattern glass, Nippon, Planters Peanut jar, many other items not listed. Sofa bed, sewing machine, wringer washer, kitchen appliances, 20" fan, 8 place setting of dishes, garden tools, shop vacuum, vise, Turfmaster riding mower, rotary mower, sickle bar mower, wheelbarrow, bales of straw and more

NOTE: Antiques are in excellent condition and must be seen. There are a few tools and furniture will be sold early, please be prompt.

**TERMS: Cash or Approved PA. check.**

OWNER,
**AMY A. LEIPHART**

Frederick Toomey, Auctioneer
Hellam, PA. Phone 755-6105 (717)
Honest, Professional Service



**DAIRY DISPERSAL**

At the Jim Adriance farm, turn off Rt. 706, 6 miles west of Montrose, PA or off Rt. 29 at Dimock toward Rush, Susquehanna Co. Auction arrows.

**WEDNESDAY NITE, MAY 30**

AT 7:30 P.M.

100 Holsteins, a few registered. 47 mature cows, 12 bred heifers, 10 open heifers, 10 short yearlings, 14 started heifers & 7 bulls, bulls from service age down.

Two-thirds of dairy fresh since March. One-third springing or will freshen by August. Cows are in good condition (wintered inside). Some heifers a little rough (wintered outside).

This dairy shows a lot of milk now & great potential. Pregnancy examined & interstate charts. Terms cash or approved check.

Owner
**HARRY VARGASON**
Wyalusing, PA

Jim Adriance, Auctioneer
Montrose, PA
717-278-1574



**PUBLIC AUCTION**

**SATURDAY, JUNE 9**

At 10:30 A.M.

3 miles N.W. of Gratz; 1½ miles S.E. of Pillow along the Pillow to Erdman Road. (Watch for auction signs along Rt. 225 at Pillow Gap.)

**FARM EQUIPMENT**

FORD 8-N TRACTOR; Ford 3-Pt. 2-Bottom 12" Plow; 3-Pt. Cultivator; Sauder 7' Dozer Blade; 3-Section Harrow; Oliver 2-Row Planter; McCormick 7' Mower on Rubber; small Int. Tractor-type Manure Spreader, nice condition; Weed Sprayer Pump; Toledo one h.p. model 5200 Electric Meat Saw; Meat Grinder w/Motor; Pioneer 650D Chain Saw with 20" Blade, like new; Corn Sheller; Milk Cans; Stepladder; Chicken Crates; 275 gal. Water Tank; Vise; Goulds Shallow Well Pump; Tractor Chains; Garden & Carpenter Tools; Hardware Items; Blow Torch; Buck Saw; Wooden Planes; Measures; Electric Motor; other items not listed.

Approximately 2 TON STRAW TOPPER For 8' PICKUP

**HOUSEHOLD ITEMS & COLLECTIBLES**

Zenith Color TV; 18 cu. ft. Coldspot Chest-type Freezer; 3-Pc. Bedroom Suite; Recliner; Dehumidifier; Electric Heater; Chiffonier; Utility Cabinet; Oak Dressing Table; Trunk; Stereo Record Player; Oak Chairs & Rockers; New Haven Mantel Clock; Radios; Metal Book Shelf; 20 volumes Animal Kingdom Encyclopedia; Movie Screen; Child's Singer Sewing Machine; Baby Furniture; Toys & Games; Wash Tubs; Guardian Service Cooking Utensils including Roaster, Dishes including Ironstone Meat Platter; Crocks; Jugs; Cuspidor; Gun Racks, Porch Swing; Kitchen Sink, many other items

Owners,
**MR. & MRS. ROBERT ENGLE**

George N. Deibert, Auctioneer
(717) 425-3313

Lunch Available



**PUBLIC AUCTION & OPEN HOUSE**

**OF LAWN & GARDEN EQUIPMENT, TRACTORS & TRAILERS —TOOLS**

**FRIDAY EVENING, JUNE 1, 1979**

AT 6:00 P.M.

Location: Rt. 322 east of Ephrata, 2½ miles to village of Hinkletown. Turn left into village of Martindale. Turn left at the square and follow auction signs to sale site.

NEW EQUIPMENT — Massey Ferg. Model 85 Tractor w/Mower; 2 Dump Cart; 1-5' 3 pt. Hook-Up Disc; 3 Pt. Cultivator; 3 & 5 H.P. Massey Tillers; 1-4 HP. Yardman Tiller; 36" Massey Sweeper; 2 Lawn Boy 21" Rotary Mowers; 1 Model 500 Massey High Pressure Washer; 2-6' 4" x 8' Trailers; 30 Round 8½' x 5" Round Posts plus many new accessories — Helmets, Shields, Grease Guns, Pipe Wrenches; and Screwdrivers.

VALUABLE EQUIPMENT — FARMALL CUB w/Cult.; 8' x 16' Tandem Trailer w/Brakes; 12 HP. MF Hydrostatic w/42" Mower; 16 HP. Gilson Hydrostatic w/Mower & Tiller; 2 John Deere 110 w/Mowers, Model 70 J.D. w/Mower; Model 60 J.D. w/Mower & Blades; Model 125 International Trac. w/Hydrostatic; IH Model 70 – 7 HP. w/Mower; 2 MF 7 HP. Trac. w/Mower & Elec. Start; 8 HP. Yardman Trac. w/Mower; J.D. 10 HP. w/Mower; A.C. 16 HP. Hydrostatic w/Mower plus Vac. Attachment; 7 HP. Snapper Rider 26"; 6 HP. MF Rider 32"; 5 HP. MF Rider 26"; Ariens 5 HP. Rider; 5 HP Mighty Mac Tiller; Rear Tine Roto Tiller; 5 HP. High Wheel Mower; GE Electric Mower; 21" Lawn Boy Mower and 5 HP. Mini Bike; 16 H.P. Twin Cylinder Roper Trac. w/Mower, Snow Blade, Sweeper, 3 pt. like new; JD mod. 200 Tractor w/Mower, like new; Bolens front runner 10 HP. Estate Keeper.

NOTE: A real fine selection of new and good used equiment to pick from for this season's lawn and garden care. Financing available. Many equip. pcs. by sale date.

DOOR PRIZES

TERMS BY,
**LAWN CARE OF PENNA.**
Daniel Z. Martin & Son
(215) 445-4541

Sale conducted by,
Randal V. Kline (717) 733-1006
Lloyd H. Kreider

Lunch by Martindale Fire Co.

KLINE & KREIDER AUCTION SERVICE
Phone (717) 733 1006

The Maryland National Champion 4-H Dairy Judging Team and Coaches are: (left to right) Janet Shank, coach and Extension agent, Agricultural Science and 4-H and Youth, Cecil County; Pat Kahler, 17, of Keymar; Kevin Stiles, 17, of Boonesboro; Dennis Patrick, 18, of Daisy; and Dr. Tony Rickard, coach and Extension dairy specialist, University of Maryland.

# *Rotary Club gives $500 to Maryland 4-H dairy team's trip to Scotland*

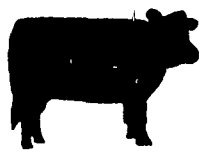
COLLEGE PARK, Md. - Maryland's national championship 4-H dairy judging team, which will be representing the United States this Summer in international competition, has received a $500 gift from the Ellicott City Rotary Club to help with the cost of the overseas trip.

The Maryland team, which won its national championship title at the World Dairy Expo, Madison, Wis., last Fall, is coached by Dr. Tony R. Rickard, dairy specialist of the Maryland Cooperative Extension Service and Ms. Janet L. Shank, Cecil County agricultural science and 4-H and youth agent with MCES.

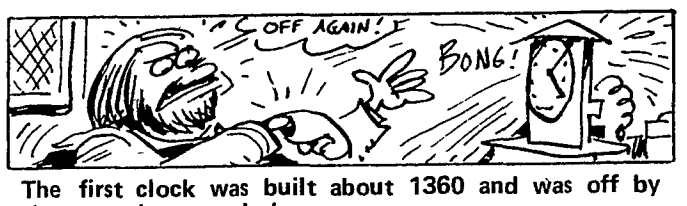
The team will compete with youth of other nations in judging contests at the Royal Highland Livestock Show, Edinburgh, Scotland on June 20.

The Rotary Club gift was the largest ever received by any of Maryland's 4-H dairy cattle judging teams, and is the first gift from a service club.

Dr. Rickard accepted the $500 check from Phil Feaga, secretary of the Ellicott City Rotary Club. Allen Hill, Lisbon, was the Howard County fund raising chairman for the Maryland 4-H dairy judging team.



In 1977, U.S. feed manufacturers produced and estimated 76.58 million tons of primary feed (feed mixed with individual ingredients and sometimes with the addition of a premix at a rate of less than 100 pounds per ton of finished feed) and approximately 30 million tons of secondary feed (feed mixed with one or more ingredients and a formula feed supplement which is usually used at a rate of 300 pounds or more of finished feed). In addition, farmers mixed or fed free-choice approximately 47 million tons of concentrates (such as feed grains, wheat, rye, and by-product feeds). Added to these are the approximate 150 million tons of hay and 150 million tons of pasture consumed by livestock. Total consumption is close to ½ billion tons of feed by animals in the United States.




The first clock was built about 1360 and was off by about two hours each day.


## AUCTION SALE

JOHN FALAT FARM,
UNIONTOWN, PENNA.

Located: In Fayette County, 2 miles North of Uniontown on Route 119. Turn at the Fayette Stock Yards, then ½ mile to Lebanese Club, Then ¼ mile to the sale site.

## SATURDAY, JUNE 2

STARTING AT 12:30 P.M.

Prime Farm Machinery as: Deutz 6806D 4 wheel drive tractor with 701 hours, like new; Deutz 7206D tractor with 1567 hours, very good; Ford 3000 tractor; INT. TD 6 with angle blade, good cond.; Case 1537 Uni loader, used very little; Case 430 hi lift/backhoe in rough cond.; Massey Ferguson 300 SP Combine with 11 ft. header and 3 row corn head, in very good cond.; AC 3 bottom plows; JD 4 bottom plows, 3 pt.; Oliver 3 bottom, 3 pt.; NH 510 manure spreader; Ford 6 ft. 3 pt. double disc; 5 and 9 ft. cultipackers; AC 2300 transport 10 ft. disc; MF grain drill, single disc; Century weed sprayer; Ford corn 2 row planter, like new; 2 older planters; NH 26 ft. elevator on rubber; 2 grain augers; AC 150 2 row mounted corn picker; NI Super corn picker; NH 469 nine ft. haybine; NH 717 forage harvester with grass, corn and pickup heads; 3 flat bed wagons on rubber; NH, AC, and Badger forage wagons, heavy gears; Cropland 200 bu grain drying wagon on rubber; Hay elevator; Shaver post driver; Post auger; shallow well pump; 2 sec rotary hoe; 2 barrell pumps.

Chore Boy Double 4 milk parlor (has milkers and washers) with complete feeding unit and 5 ton feed tank; Wilson 405 gal. SS bulk milk tank; Cattle lick tank; lot of gal. stantions and metal barn gates.

Ford 1951 cattle truck; Dodge 53 dump truck; Ford 1963 lime spreader truck, all running condition.

This is a strong lot of farm machines, with no small items going. Plan to attend on time please. Terms Cash.

Sale Conducted By
Wylie S. Rittenhouse Auctioneers
Uniontown, Penna. Phone 412 438-0581



ATTENTION
FARMERS - INVESTORS - LOT HUNTERS

## PUBLIC AUCTION

VALUABLE FARM REAL ESTATE
134 ACRES in 8 TRACTS
including FARM HOMESTEAD,
OPEN ACREAGE, WOODED LOTS

## THURSDAY, MAY 31

AT 6:30 P.M.

Located along Rt. 309 between New Tripoli & Schnecksville in Heidelberg Twp., Lehigh Co., PA.

Tract #1 — 15.8 acres land w/stream, pasture, spring. Set of farm buildings in ex. cond. incl.: 2½ story alu. over frame farmhouse w/4 BR, bath, lg. kit., LR, laundry; 2 story barn; equip. shed & others. Great for horses, cattle, general farming. Picture perfect setting off main road.

Tract #2 — 25 acres open land.
Tract #3 — 10.2 acres open land.
Tract #4 — 6.2 acres open land.
Tract #5 — 38.9 acres open land.
Tract #6 — 30 acres wooded & open land.
Tract #7 — 5 acre wooded lot.
Tract #8 — 1 acre wooded lot.

Note: Great opportunity & value, something for everyone, all in rural area yet only 15-20 min. to Allentown, major work centers in Lehigh Co. Broker participation invited.

Contact Auction Co. for detailed, illustrated brochure.

For inspection call (215) 285-4616 for appt. Terms — 10% at auction, balance in 60 days.

Ordered by
MRS. PAUL WESSNER
Attorney Mark Gearhart

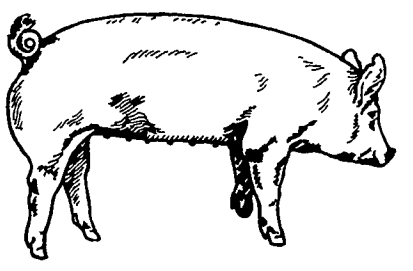
Conducted by
Ralph W. Zettlemoyer Auction Co.
Route 1, Breinigsville, PA 18031



# BRED GILT SALE

## SATURDAY, JUNE 16, 1979

1:30 P.M.
Located 8 miles North of Myerstown on Rt. 501 & 1 mile South of U.S. 22 on Rt. 501 at Bethel, Pa. Turn West at Bethel School to second farm on left.



50 Head more or less, 3 way cross bred Gilts, Yorkshire, Hampshire and Duroc. Gilts are bred to purebred Yorkshire out of Ivy Hill Farms, Smithburg, MD. Pigs are vaccinated for Erysipelas, wormed and treated for lice. No out side hogs will be sold at this sale, they are all home raised.

Also two 3 way cross boars, breeding age.

Sale Conditions by
HENRY H. MARTIN
717-933-4279

Auctioneer Alvin Horning

# FIP: an investment grown on trees

WASHINGTON, D.C. — "I thought it was better to leave my kids a forest rather than a bank account," says William P. McMullen, a retired farmer from Maben, Miss., who planted 25 acres of his land to trees about three years ago. Today, a mixture of loblolly and slash pine stands about a yard tall on McMullen's land. In view of the ever-growing scarcity of timber, many bankers agree with McMullen: It was a very good investment.

Robert L. Cone, a banker from Hodge, La., who recently planted over 100 acres of trees on his land, also says that leaving land to his children was a consideration for his entrance into tree farming, but he became more specific on the advantages of marketable timber on private land.

"I would tend to have the timber rather than the bank account," said the banker, "because you have to pay taxes on the yearly interest from the account and because you can claim a capital gain when you harvest the timber."

The retired farmer from Mississippi and the Louisiana banker have more in common than their attitudes on trees. They both funded tree planting through a program sponsored by the U.S. Department of Agriculture's Agricultural Stabilization and Conservation Service (ASCS).

The program, called the Forestry Incentives Program — FIP for short — encourages private landowners to raise marketable timber on their lands. Technical help, provided through State Foresters, assures that forests are managed professionally, efficiently, and cost effectively. This relieves landowners' fears about timber raising, because it takes from 20 to 40 years to derive returns from money invested in forestry.

"FIP is a good program for the small farmer," says J. A. (Jack) Knight as he looks at his 45 acres of loblolly pine planted early in 1978. One of Knight's acres near Tomnolen, Miss., was the millionth acre of forest land developed by FIP.

Roughly 200 miles southwest of Knight's land near Chatam., La., a stand of loblolly pine has thrived since February 1974 on 40 acres of land owned by Randy Browder. Browder was the first to benefit from FIP. To put the land in marketable production, Browder had to clean it of small hardwoods too small for pulping. The cost of reforesting was high," said Browder.

Browder remembers that one day in early February 1974 he heard about a new government cost-sharing program that would help him with his expenses. Cost-sharing means the landowner pays part and the government pays part. Browder applied for FIP with ASCS. The local forester reviewed and approved Browder's application, and Browder received a 75 percent cost share that covered 19 of the 40 acres planted to the new trees.

Browder and Knight both benefited from one of FIP's two aspects: FIP will help landowners plant new trees and develop a new forest. FIP also helps landowners improve already growing timber by cutting out unmarketable trees.

Leroy Stevens, a forester for Michigan's Department of Natural Resources, leads tours through untrimmed woodlots whose dampness and dankness resemble a Brazilian rain forest more than a northern woods. Crooked, forked and diseased trees crowd good ones for light. "Here's an ironwood," says Stephens. "It's nothing but a big weed, but it can dull a chain saw in no time flat. It should be cut down to make room for maples and other valuable trees."

Stephens expresses great concern about the Nation's need for timber.

"When you buy a two-by-four these days, boards marked fir come from balsam firs. Those marked pine come from jackpine. "These trees used to be pulp grades — not lumber," Stephens stresses. "We're using the Nation's supply of pulp to build houses."

FIP, now five years old, has improved or reforested over 1.2 million acres of land. The federal government has invested $38.7 million in cost shares, which vary from 50 to 75 percent of the total cost, depending on the county where the trees grow. From FIP acres, the Nation will derive almost 5 billion cubic feet of timber and wood products, such as paper and plywood. If the total timber yield from FIP land were to go into construction, that total would be enough to build 2½ million houses.


## PUBLIC SALE

**OF VALUABLE CORNER PROPERTY WITH 1056 FT. OF ROAD FRONTAGE IN PROVIDENCE TWP., LANC. CO. ANTIQUES, HOUSEHOLD GOODS & TOOLS**

**SATURDAY, JUNE 16**

AT 9:00 A.M. SHARP

LOCATED 8 MILES SOUTH OF LANCASTER WEST OFF 272 ALONG PENNSY RD., CORNER OF PENNSY RD. & FROGTOWN RD. OR 2 MILES EAST OF MARTICVILLE OR 2 MILE SOUTH OF BAUMGARDNER STATION RD.

Real Estate consists of all that certain tract of land, 4 Acres more or less erected there on. 6 room

**2 Story Frame House w/Brick Siding**

First floor — kitchen w/built in cupboards, gas stove w/outside vent, living room, dining room w/2 built in corner cupboards, family room, powder room, open stairway. Second floor — 2 bedrooms w/storage space, full bath, yellow pine trim throughout the house.

Storm windows & doors; 8 ft. front porch, length of house, full basement w/shower, cold cellar and outside entrance.

**2 Story 3-Car Garage**

2 way entrance macadam driveway. Nice lawn, shrubbery, fruit & flowering trees. Forced hot air heat, furnace in excellent condition. 275 gal. oil tank; hot water heater. Good well water.

Inspection — June 2 & 9 from 1 to 3 p.m. or call for appointment 717-786-2502.

**REAL ESTATE WILL BE SOLD AT 2 P.M.**

**1971 PONTIAC CATALINA W/AIR, 4 DOOR SEDAN, 57,000 MILES.**

Round Oak Extension Table; Small Tables; Pine Table; Dovetail Blanket Chest; Double Brass Bed; 2 Single Iron Beds; Oak Dresser; Oak Chest of Drawers; Dresser; 6 Plank Bottom Chairs; 6 Poplar Chairs; 5 Ice Cream Chairs; 3 Swival Chairs; Side Board; 3 Clothes Trees; Drying Rack; Oak Rocker; Matching Love Seat; 2 Chairs & Library Table; Sewing Machine; Wooden Commode; Bookcase w/Glass Doors; Oak End Table; Wicker Fernery; Kitchen Cabinet; Piano Stool; Philco Floor Radio; Old Pictures; Mirrors; Baskets; Metal & Iron Toys; Feather Pillows; Coverlet; Quilt; Coal Oil Lights; Rayo Lamp; Mustache Cup & Saucer; German Dishware; Depression; Roseville; Carnival; McCoy Vases; Agate; Tinware; Flat Irons; Ice Cream Dipper; Ladles; Slaw Cutter; Cheese Grater; Pea Sheller; Cherry Seeder; Old Post Cards; Books; Scrape Books; Old Bottles; Meat Grinder; Shaving Horse; Grain Cradle; Wooden Rake.

2 Metal Wardrobes; Recliner; 3 Piece Living Room Suite; Floor Lamps; Kneehole Desk & Chair; Heatrola; Kenmore Wringer Washer; Laundry Tubs; Kelvinator No Frost Refrigerator; Breakfast Set, 4 Chairs; 2 Blk. & Wh. TV's, 1 Used 3 Mo.; Eureka Cleaner; 7 Porch Chairs; 2 Elec. Blankets; Linens; Dishes; Pots; Pans; 1 & 2 Qt. Jars; Silverware; Service for 12 Set of Dishes; Sherbets; Salt & Peppers.

2 Broad Axes; Rail Axes; Other Axes; Drawing Knives; P & Beam Scales; Balance Scales w/Brass Scoop; 2 Anvils; 3 Vises; Wood & Metal Clamps; Cee Clamps; Heavy Duty Wagon Jack; 2 Bay Wagons; Log Chains; Wedges; Barn Hinges; Shoe Lathe; Wooden & Metal Pulleys; Wood Chisels; Wood Chunk Stove; Pitcher Pump; Furnace Tools; Tobacco Spears; Brass Quoits; 3 Digging Irons; Trammels; 55 Piece Socket Set; 2 Chain Saws, 1 New; 3/8 Drill, New; Blk. & Decker Saw; Elec. Jig Saw; Elec. Sodering Gun; Elec. Motors; ¾ Hrp. Bench Saw; 2 Butchering Kettles w/Three Foot; 8 Hrp. Craftsmen Riding Mower A1 Condition; Moto Mower; Lawn Roller; 2 Push Harrows; 2 Wheel Trailer; 1 Hole Corn Sheller; Wheelbarrow; Oil Drums; Tool Chest; 2 Ext. Ladders; 500 Bricks; Tools of all kinds. Many more items too numerous to mention.

Not Responsible For Accidents Day Of Sale
Refreshements by the Smithville Church of God
TERMS FOR THE REAL ESTATE — 10% down day of sale, balance upon settlement.

Sale By the Order of
**SAMUEL REINHART ESTATE**
Dorothy M. Pickel, Executrix
Ross R. Reinhart &
Roy R. Reinhart, Executors
Attorney Edgar Barnes
Sale Conducted By:
Lloyd H. Kreider &
Randal V. Kline, Auctioneers
Gary L. Shirk, App.

KREIDER & KLINE AUCTION SERVICE
Phone 717 786 3394



## PUBLIC AUCTION

**SATURDAY, JUNE 2**

AT 10:00 A.M.

Along Cherrytown Road in Jackson Township, Northumberland County, Pa. Watch for Auction Signs along Route 225 midway between Dornsife and Red Cross; 15 miles south of Sunbury.

**30 ACRES**
**6 ROOM DWELLING**
**SMALL BARN - STORAGE SHED**

30 ACRES, approximately 5 Acres Tillable, balance Wooded and Pasture. Small Stream. Beautiful Country Setting with ACRES-OF-SPACE to enjoy all of your Outdoor Activities!

TERMS: 10% down, further terms and conditions will be announced when real estate is offered at 1:00 p.m.

FOR INSPECTION CALL: (717) 758-2670.

**ANTIQUES & COLLECTIBLES**

3-Pc. Oak Bedroom Suite; Lyric Apollo Kitchen Coal Stove w/Chrome marked D.E. Baum, Herndon; Oak Bookcase Desk; Decorated Boston Rocker; Decorated Plank Rocker & Chair; Oak Kitchen Cabinet w/Stained Glass in Doors; Blanket Chest; Bentwood Chairs; Oak Stands; Oak Rocker; Oak Table; Picture Frames; Sideboard; Oil Light; Slaw Cutter; 8-Day Shelf Clocks; Electric Horse Clock; Chest of Drawers; Strip Carpet; Wooden Wheelbarrow; 1915 License Plate; Dinner Bell; Drawing Knife; Wheelwright's Traveler; Mallets; Square w/Brass; Wooden Tubs; Brass Tire Pump; other items.

**WINCHESTER model 97, 12 ga. pump - 22 cal. Rifle**
**INT. CUB CADET 72 LAWN TRACTOR with MOWER**
**1972 FORD MAVERICK, nice condition**
**1953 FORD PICKUP, good body**

**HOUSEHOLD ITEMS & TOOLS**

Sofabed & Occasional Chairs; Coldspot Refrigerator/Freezer; Wringer Washer; Zenith TV; Coal Room Heatrolas; Electrolux Cleaner; Broiler Oven; Blender; Mixer; Deep Fryer; Dishes & Cooking Utensils; Rugs; Window Fan; Vaporizer; Bedding; Foot Stool & Bench; Invalid Walker; Meat Saw; Hotplate; Kerosene Heater; **LOT GARDEN & CARPENTER TOOLS** including: Set Russel Jennings Bits in Chest; Wooden Mallets; Saws; ½ H.P. Air Compressor; ½" B&D Drill & Stand; 5" B&D Portable Grinder; 4" Jointer; Grinder w/Motor; Wet Grindstone w/Motor; Battery Charger; Oxygen Tank; Mitre Box; Ladders; Lawn Seeder; Rotary Mower; 250 gal. Gas Tank on Skids; Vise; C-Clamps; Planes; Wedges; Screw Jack; Grinders; Tool Boxes; Trusses; Metal Ornamental Windmill; Porch Glider; approx. 1 Ton Nut Coal; many other items not listed.

Owner,
**JOHN H. TREON**

Isaac J. Tressler,
Attorney
George N. Deibert,
Auctioneer
(717) 425-3313

Lunch Available



Hammondale Acres

## HOLSTEIN HEIFER SALE

at the farm located three miles North of Chambersburg, Pa., one mile south of Letterkenny Army Depot, Gate 1, between Cheesetown and Salem Church on

**MONDAY EVENING**
**JUNE 4, 1979**

Sale at 7:30 p.m.

**45 HEAD OF FRESH & CLOSE SPRINGING HOLSTEIN HEIFERS - 1 REG. BULL**

Some are registered; certified; accredited; Vacc. for I.B.R. and Lepto! Entire offering will be fresh or due in June or soon thereafter. A choice lot of heifers with plenty of size and should do well for buyers. Some are sired artificially, bal. from good bulls. One 13 mo. bull, sired by Harborcrest Marcus - Twin, from Ray Kling herd, dam has 2-02, 278 D, 14,500 M. 3.3 T. 475 F.1 granddam has up to 19,270 M. 695 F. in 305 days. A good lot of heifers for base milk. Folders at Sale. Terms Cash; Refreshments; Sale inside.

**GERALD AND MABEL HAMMOND AND FAMILY**
R.D. 11,
Chambersburg, Pa., 17201
Ralph W. Horst, Auctioneer
Fred M. Naugle, Announcement
Gossert and Carty, Clerks

# Public Sales Register

**Closing Date - Monday, 5:00 P.M.
of each week's publication**

SAT. MAY 26 - 10 A M Annual Spring Heifer Sale at New Holland Sales Stables, Inc., New Holland, Pa. For more information contact Abe Diffenbach or Norm Kolb.

SAT MAY 26 - 10 A.M Public Sale of Farm Equipment, Tools, Trucks, Race Horses, Carts, Tack located in Adams County, on Route 30, New Oxford, Pa. Square turn North at C C N.B. Bank 2 miles New Chester Road. Sale by Mrs. Pauline Milhimes, Owner, C R Slaybaugh, Auctioneer

SAT MAY 26 - 10 A.M Consignment Auction. Bethel, Pa. Ebersole & Shoop Auctioneers, 930 Cornwall Rd , Lebanon, Pa 17042 717-273-5408

SAT. MAY 26 - Grade Heifer sale at New Holland Sales Stables. New Holland, PA

SAT. MAY 26 - 10 A M Public Sale Antiques & Collectibles, Coins, Household Items, Farm Machinery Located approximately 1½ North of Gratz, Pa on the Gratz to Erdman Rd Estate of Tessie V Miller. Anna Lebo, Mary C Troxell, Matilda Bordner, Executrices Lee D Dockey Auctioneer

SAT MAY 26 - 9 00 A M Public Sale of Real Estate, Bank Stock, Antiques, Household Goods and Tools of the Olevia Bahn Hartman Estate Located about 2 miles west of Exit 3, Loganville Exit of Rt 83 and approx ½ mile south of Jacobus off Old Rt 111 along Beck Rd in Springfield Twp York Co PA Russell Paul and Ruth Bartman Executors, Robert L Sechrist Auctioneer

SAT MAY 26 - 10 00 A M Public Sale of Real Estate Antiques, Household Goods, Lots of Tools & Guns Located at 1624 Butter Road, Manheim Twp , Lanc Co , PA (take Rt 23 about 3 miles east of Lancaster or 1 block east of Eden traffic light, turn left, onto Butter Road) Sale by Mrs J Roy Brian Howard Shaub, Auctioneer

SAT MAY 26 - Public Sale of Valuable Real Estate Located at 322-324 Arch St in borough of Ephrata, Lanc Co , Pa Terms by Irvin C & Mary K Messner Auctioneers Lester O Weaver & Barry D Wanger

SAT MAY 26 - 9 30 A M Public Sale of 130 acre Farm, Farm Machinery Vehicles Household Goods and Antiques Located at Rt 2 Hummelstown, Dauphin Co , PA Turn south off Rt 22 onto Rt 39 for 1½ miles to Hanover dale Church of the Brethren and turn left onto Devonshire Rd and continue to farm or Take Rt 39 North from Hershey to the church and turn right continue to the farm, approx 3 miles North of Hershey, 12 miles east of Harrisburg or 3 miles south of I 81 Conditions by Lee K Saufley Harry H Bachman Auctioneer

SAT MAY 26 - 9 30 A M Public Sale of Antiques & Collectibles Held at 606 E Grand Ave , Tower City, PA (Rt 209) next to the Post Office, on the premises of the Former Hawk Pharmacy Ellen L Rose Owner George N Deibert Auctioneer

SAT MAY 26 - 10 00 A M Public Sale of Approx 20-25 Tractors Located from Rt 11 at Inwood, WV, turn east on Rt 51, travel 3 miles to Ellinger's Market (formerly Haines') Turn right, 2 miles to sale, OR from Charles Town, WV take Rt 51 west to Ellingers, turn left, 2 mile to sale Edgar Bohrer Sale Manager

SAT MAY 26 - 10 00 A M Public Sale of Valuable Antiques, Household Furniture, Horse Drawn Vehicles, Harness, Tack, Car, Etc Located on the premises at 1160 Broadway in the Borough of Hanover, York Co , PA Sale for Harry E. Bechtel Estate R E Kehr and Assoc Auctioneers

SAT. MAY 26 - 10:00 A.M Public Sale of Farm Machinery Located on Rt. 247, 15 miles northeast of Scranton, 3 miles south of Finch Hill, Take Tompkinsville Exit off Rt. 81 and watch for Auction arrows Mrs John Dutko Owner, Gerald Pennay Auctioneer.

SAT MAY 26 - 8.30 A M Public Sale of Household Goods, Books, Guns, Coins, Glassware, Poultry and Butcher Equipment Sale located 6 miles north of Carlisle Follow Rt 74, north to Milwick Rd Watch for signs J. Ellsworth and Marie Wickard, Owners Art Rife and Dennis Brownawell Auctioneers

# PUBLIC AUCTION

## SATURDAY, JUNE 2

11:00 A.M. SHARP
NESCOPECK, PA.
AT NAUGLE LUMBER YARD INC.
TURN OFF RT. 93 - AT HELLER FUNERAL HOME. WATCH FOR SALE SIGNS.

## - GIANT -

### WOOD KITCHEN CABINET SALE

OVER 2-TRUCK LOADS OF BEAUTIFUL CABINETS - HUNDREDS TO CHOOSE FROM!

**- PLUS -**

### "PANELING"

COME EARLY - AND BUY A LOT

Statements made day of sale take precedence over previously written material.

DON'T MISS THIS ONE — RAIN OR SHINE!

"Bring measurements"

**Terms - Cash or Good Check**

Seller
**NAUGLE LUMBER**

Nevius Auction Service -
Mifflinville, Pa.
Auctioneers -
Dan Nevius 752-4214
Olen Knecht
Clerk - Jay Leiby

Come - Spend a while with us.
ENJOY! ENJOY!
Lunch - YES

Bell Farm

# DAIRY SALE

for John and Penny Bell and Family, R.D. 3, Elmer, N.J. to be held at Pa. Guernsey Sale Pavillion located four miles East of Lancaster, Pa. along Rte. 30 on

## FRIDAY, JUNE 1

Sale at 12 o'clock noon

### 74 HEAD OF AYRSHIRE, HOLSTEIN, JERSEY CATTLE

Herd consists of 26 Registered Ayrshire Cows, 17 Reg. Ayrshire Heifers; 13 Holstein Cows, 15 Holstein Heifers, some are Reg.; 3 Grade Jerseys, 1 cow, 2 heifers; Herd is on D.H.I.A. with Cows records to over 15,000 milk. Freshening schedule includes 4 fresh in March, 4 in April, 4 in May, 7 due in June, July and August, bal. in Various stage of lactation. This is an exceptionally fine uddered group of cows. Not pushed with feed and should do well for buyers. Heifers are bred and open of all age and are nice. Sires rep. include Charm Cross, Shine, Jumbo, Hi-Kick, Choice Jack, Pride, Hickory, Nappy, Peer, Flashy Fortune, Patty's Cheer, Harry and others. Also selling 30 straws of oak Ridge C H Peer semen, Bring tanks. Cattle tested for Interstate shipment. Don't miss this sale. Sale barn phone 717, 394-2721. Catalogs available. Write auct. for catalog Terms Cash.

**JOHN & PENNY BELL AND FAMILY**

Ralph W. Horst, Auctioneer,
Marion, Pa. 17235
Gary Rutter, Pedigrees,
Mt. Union, Pa.

# PUBLIC SALE

## ANTIQUES AND HOUSEHOLD GOODS

## ON FRIDAY, JULY 20

## REAL ESTATE, ANTIQUES & HOUSEHOLD GOODS

## ON SATURDAY, JULY 21

The sale starts both days at 10:30 a.m.
Real estate offered at 2 p.m.
on Sat., July 21.

**On the premises located on the north side of Main Street, adjacent to Zimmerman's Hardware Store, in the village of Intercourse, Leacock Twp., Lancaster County, PA.**

This extremely rare property was known as the "Cross Keys Hotel", built in the middle 1770's, and operating as such until Prohibition. This dwelling is a three story brick, with ten rooms and bath on the second floor, six large rooms and half bath on the first floor. It has oil hot water heat, slate roof, and was well maintained over the years. There is a three car masonry garage to the rear. Contains 4.4 acres of land, m/l, with frontage on Main Street (U.S. RT. 340). ZONED COMMERCIAL. This property offers terrific potential for a dining room (family style or otherwise), a tavern, or any business related to tourism. Ample room in the rear for motels. Approx. 3 million tourist visit the town of Intercourse every year. No other property on Main Street offers the pretige or the amount of land as this one. You can inspect this real estate prior to the sale by calling 687-7672 (Gordon Kling, Auct.) or 768-3272 (Harry C. Diller).

The personal property consists of a grandfather clock (30 hour walnut case), a Victorian love seat and four chairs, cheese cutter rocker, six hard bottom chairs, two captains chairs, child's plank bottom rocker, pie crust table, cherry boy statue, RCA color TV, marble top table, two 'Gone With The Wind' lamps, smoking stand, three piece living room suite, Marshall & Wendell player piano with bench and rolls, old baby coach, copper wash boiler, Wicker baby coach and furniture, old sleds, automatic washer, old wood box, lawn furniture, tobacco lath, iron kettle and tripod, old cherry secretary, school house clock, pictures and frames, wash stand, large wooden wardrobe, dated jars, dry sink, tinware, schoolmaster desk, wooden wheel kiddie car, oak bedroom suite, blanket chest, two window air conditioners, iron bed with brass knots, card table and chairs, old wooden baby crib, flour chest, highchair, old cradle, spinning wheel, Caloric gas stove, electric refrigerator, old jelly cupboard, old wooden kitchen cabinet, Kelvinator no-frost deep freezer, extension tables, butchering tools, butter churns, old crocks and jugs, old miniature German clock, old corner cupboard with glass doors, old medicine mixing bowl, trivots, antique typewriter and stand, antique adding machine, oak rolltop desk, beautiful old settee, oak hall rack, mantle clock, old console radio, bevel glass mirror, queen size bed, miniature Morris chair, curved glass china closet, old oil lamps, old iron toys, assorted glassware and chinaware, oak extension dinner table with six chairs, old double barrel Richards 12 ga. hammer type gun, 12 ga. single barrel shotgun, muzzle loader, iron dinner bell, and many other articles too numerous to mention. GOOD FOOD WILL BE SERVED.

Terms by:
**NEW HOLLAND FARMERS NATIONAL BANK**
**AND HARRY C. DILLER, JR.**

Co-Executors of the Harry R. Diller Estate
Wentz & Wentz, Attys.
New Holland, Pa.
Carl Diller, Auct.
464-2233
Gordon Kling, Auct.
687-7672

# PUBLIC SALE

## OF 17 ACRE FARM

To Be Held

## SATURDAY, JUNE 9

AT 2 P.M.

**Located 3 miles Northwest of Manheim, West of Rt. 72, midway between Ruhl's U. M. Church & Rt. 72, along the Elizabethtown Rd., Rapho Twp., Lanc. Co., Pa.**

### 18 ACRES

more or less, with 12 acres under cultivation and 5 acres in meadow and wooded area. Also, a pond in meadow. 2½ STORY FRAME DWELLING with Asbestos Siding containing 4 rooms & bath on first floor and 3 rooms on second floor. Summer house and laundry room attached to first floor.

FRAME BARN, cement block storage building, and a 2-car Garage.

This farm is at a nice location — setting back off the road, with 627 ft. road frontage along the E'town Rd.

Anyone interested in viewing property before day of sale may do so Saturday, May 19 & 26 from 12 - 4 p.m. or by calling 665-4089 for an appointment.

Sale by:
**VALERIA H. KAHLEY**
**NAOMI RUDYK**
**ALVIN W. KAHLEY**
Richard Martin, Attorney
K. L. Shirk, Jr., Attorney

Auctioneer:
Rufus Geib (665-4136)

# AUTOTORE'S AUCTION

## SATURDAY, JUNE 2

Starting at 10 A.M.

**Location - Millville R.D. 2 off Route 42 North of Bloomsburg to Route 254 East toward Rhorsburg (Follow Auction Signs)**

**Selling the Personal Property of the late Ellis Bangs.**

Dry sink 5' high w/3 drawers, jelly cupboard 5½' high w/3 drawers (unusual) blind hutch w/gained paint, high back pump organ (Cornish), Chestnut blind hutch, Chestnut drop front secretary, oak drop leaf ext. table, cherry drop leaf table, 3 pc. walnut bedroom suite, 11 pc. fancy cottage bedroom suite, Empire chest of drawers, country chest, Cherry gateleg table, 2 pc. oak bedroom suite, 2 - sets of pattern back chairs, plank rocker, asst. rockers, sterograph, advertising pcs., cane chairs, plank arrow back chairs, wash stand, ogee mirror, butter churn, post cards, wood kegs, Va. fainting couchs, walnut picture frames, fancy frames, bamboo easel, bamboo stand, coffee mill, cricket boot jack, spatter ware pitcher, spatterware plate, 6 pc. wash bowl set, ruby cup, blue crocks, bitter bottles, McHenry bottles, McHenry sampler, mush pot, vasolene, pattern, German dishes, mustache cup, footed carnival bowl, John Breece pc., Grant Johnson dish, Vic. mirror, Lg. German marble, kerosene lamps, 2 oil paintings, 2-6 lid wood stoves, Vale Oak parlor stove, clover leaf table, hanging brass scales, Maytag ringer washer, power mower, Atwater Kent radio, treadle sewing machine, shelf clock, 3 section spring tooth harrow, corn sheller, N.I. #16 manure spreader, John Eves farm wagon, J.G. (B) tractor, scrap iron, wide pine boards, plus many many more.

**Terms - Cash**

Sellers
Executrix: **HELEN T. RITCHIE**
Executor: **DONALD E. BANGS**

Auctioneer: John Autotore 784-3506
Attorney - Elwood Harding

LUNCH

# Public Sales Register

**Closing Date - Monday, 5:00 P.M. of each week's publication**

SAT. MAY 26 - 11 A M Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

SAT. MAY 26 - 9 00 A M Public Sale of Cars, Bolens Tractors, Guns, Antiques, Tools and Household Goods Located just off Rt 30, north of Avalong Dairy at 1924 Mt Zion Rd , near Stony Brook, East of York, PA Charles E Roth Estate Preston Chronister, Auctioneer

MON MAY 28 & TUES MAY 29 - Large Two Day Sale of Farm Equipment at Marion, PA Ralph W Horst, Sale Manager

MON MAY 28 - 10 30 A M Public Sale of Real Estate, Household Goods, Antiques, Collectibles, Guns and Farm Equipment Held on the premises located approx 7 miles east of Halifax in Small Valley, south of Enders in Wayne Twp , Dauphin Co , PA Mrs Violet Spangler Owner Adams and Shoop Auctioneers

MON MAY 28 - 9 30 A M Public Sale of Personal Property. Located in Holtwood, RD 2, Lancaster Co , PA From the Norman Wood Bridge, proceed east on Rt 372 approx 2 miles, turn left on Hilldale Rd , and proceed N on Hilldale Rd , ½ mile to sale site Signs posted Joseph A Shoff and Emma Ehrhart Executors Frederick Toomey Auctioneer

MON MAY 28 2 P M Danville Livestock Market cattle and hog auction Located Old Route 11 Danville, PA Melvin M Lehman owner

TUES MAY 29 - 10 00 A M Public Auction of Farm and Orchard Equipment, Truck, ATV, located about 4 miles north of Krumsville and Rt 22, along Rt 737 in the village of Stony Run, Berks Co , PA Sale by Harvey & Annie Miller Ralph Zettlemoyer Auctioneer

TUES MAY 29 - 6 P M Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, PA John J Rutt, Auctioneer

THURS MAY 31 5 30 P M Public Auction Located in back of Keim's Service Station along Rt 325 at Gold Mine Cross Roads, 1 mile south of Tower City, across st from Star Craft plant Ralph A & Katherine P Keim Owners George Deibert Auctioneer

THURS MAY 31 - 6 P M Public Sale of Real Estate, Household Items, Antiques & Collectibles Located 2½ miles south of Elizabethville, Pa , 2 miles South off Rt 225 Turn at Mountain House Tavern Watch for sale signs along Rt. 225 day of sale Estate of Grace A Woland Lee D. Dockey Auctioneer

THURS MAY 31 - 10 00 A M Public Sale of Antiques, Household Goods & Tools Located along Road leading from Conestoga to Martic ville, RD1 Pequea, Martic Twp , Lanc Co , PA (Across from Sickman's Mill) Sale by Mr & Mrs J A Gerstl Howard Shaub, Auctioneer

THURS MAY 31 - 6:30 P.M Public Sale of Valuable Real Estate Located along Rt 309 between New Tripoli and Schnecksville in Heidelberg Twp , Lehigh Co , PA Sale by Mrs Paul Wessner Conducted by Ralph W Zettlemoyer Auction Co

THURS. MAY 31 - 9.00 A.M. Public Sale of Farm Machinery, Antiques, Collectibles and other Furnishings For the Estate of Cleo M. Smith, Century Acre Farm, County Line Rd , Line Lexington, PA Sanford A Alderfer Brokers and Auctioneers

THURS , MAY 31 - 10 A.M. Complete Dispersal At Aucton on Short Notice. James Walker, Gorham, ME. Herd, Equipment, & 2 Harvestores. Located at farm on Rt. 114 5 miles North of Gorham from Maine Pike take exit 8 & Rt. 25 to Gorham W. A Baker & Associates Sale Managers Auctioneer William Kent

## JUNE

FRI JUNE 1 - 6 00 P.M. Public Sale of New & Used garden tractors, lawn mowers and Equipment Held at Lawn Care of PA, Martindale, PA. Daniel Z Martin Owners Kline and Kreider auction service.

FRI JUNE 1 - 12.00 Bell Farm Dairy Sale - 74 Head of Ayrshire, Holstein and Jersey Cattle. Held at the PA Guernsey Sale Pavillion, located 4 miles East of Lancaster, PA along Rt. 30. John & Penny Bell and Family Owners Ralph W. Horst Auctioneer

FRI. JUNE 1 - 7.30 P.M. Complete Holstein Dispersal of Local herd of 90 head Registered and Hi-grade Holsteins Held at Shady Lane Dairy Sales, Quarryville, PA 717-786-1725.

FRI. JUNE 1 - Gap Auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge. Ira Stoltzfus & Son Auctioneers

SAT. JUNE 2 - 10 A.M. Real Estate 1 P.M. Public Sale of Valuable Real Estate and Personal Property located 3 mile west of Honey Brook, 5 mile north of White Horse, 1½ mile south of Churchtown, 4 miles east of Blue Ball, along Rt. 322. Caernarvon Twp., Lancaster Co., Pa Sale for the Robert Evans Estate, Charles A Evans and Amos M. Evans, Administrations; Diffenbach's Auctioneers

SAT. JUNE 2 - 11 A.M. Public Sale of 20 Acre Farm & Equipment. Located along Nagle Rd., approx. 1½ miles south of Rt. 422, Exeter Twp., Berks Co., Pa. Terms by John P. & Gayle Behm. Elton & Alvin Horning Auctioneers, Horning Farm Agency, Inc.

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# JUNIATA CO., PA FARMETTE AT PUBLIC SALE

## SATURDAY EVENING, JUNE 23

**Located 45 mi. west of Hbg., Rt. 322, 3¾ acres, 7 room dwelling, small barn.**
**For brochure, contact:**

**Long Bros., Aucts.**
**R.D. #2**
**Port Royal, Pa. 17082**
**Ph. 717-527-4784**

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# PUBLIC SALE

## MONDAY, MAY 28

AT 10:30 A.M.

**On the premises located approximately 7 miles east of Halifax in Small Valley, south of Enders in Wayne Township in Dauphin County, Pa.**

### REAL ESTATE

**Tract 1: 32 ACRE FARM** with 2½ Story Frame Dwelling, Bank Barn and other outbuildings. Dwelling consists of large Kitchen, Dining Room, Living Room, down, 3 Bedrooms and Bath, up. Anthro Flow Automatic Coal Fired Hot Water Heat, 30 Acres under Cultivation. There are approximately 10 Black Walnut trees along with Peach and other fruit trees. Small stream flowing through land. Double Frontage along hard surface road, approximately 600 feet on each side. (If you are looking for a place in the country, this may be just what you are looking for.)

**Tract 2: 2 ACRE TRACT** Of unimproved land just short distance North of Tract No. 1 in Jackson Township.

**Real Estate at 1:30 P.M.**

**Terms: 10 Percent Down, Balance 60 Days.**
Inspection of dwelling by appointment only:
Phone: 362-3567

### HOUSEHOLD GOODS, ANTIQUES, COLLECTIBLES

Hardwick Coal Heatrola, 5-Pc. Breakfast Set, very nice, 2-Pc. Living Room Suite, Modern Oak Bedroom Suite, plus other Bedroom Furniture, Maple Finish Wardrobe, Lester Upright Piano, Wizard Chest Type Freezer, Treadle Sewing Machine, Zenith Portable B & W TV, Several Oak Rockers, Oak Washstand and Dresser with Mirror, 2 8-Day Mantle Clocks, Oak Library Table with Claw Feet, Old Picture Frames, Large Wall Mirror in Guilded Frame, Decorated 1 Gal. Jug, 5 Gal. Jug, 10 Gal. Crock, Oil Lamp, Lantern, Old Tin, Several Woven Baskets, Kitchen Cabinet, 1914 Pa. Auto License Plate with Seal, Pressed and Pattern Glass, Depression Glass, Small Oil Heater, New Gas Heater.

### GUNS

Winchester Model 1200 20 Gauge Pump, Winchester Model 94 30-30 Caliber Ser. No. 1,644,338 with Weaver Scope, Remington Model 722-222 Cal. with 4x20 Scope, Wards Triumph 165 Gauge Double Barrel, 12 Gauge Double Barrel Hammerless, signed C.S. Shatterck, plus 3 Sporterized Army Rifles with 1892-95 Mauser Action, one with 8x32 TASCO Scope, one with 2.5x20 Scope, all in very nice condition, also Gun Case and Reloading Equipment.

**(Inspection of Guns, day of sale only)**

### FARM EQUIPMENT

A.C. Model C Tractor with 2-Way Mounted Plow and Cultivator, Horse Drawn Grass Mower, Small Harrow, Old Grain Drill, Corn Sheller, Out Board Motor, Lot of Hand Tools, ¼" and 3/8" Electric Drills, Drill Bits, Wrenches, Chisels and many other Carpenter and Mechanic Tools and Tool Boxes, 2 Chain Saws, Power Lawn Mower, 32 Ft. Wooden Extension Ladder, Plus many other items.

AUCTION SALE SERVICE

OWNER,
**MRS. VIOLET SPANGLER**

MERVIN W. ADAMS

ADAMS & SHOOP, AUCTIONEERS

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# AUCTION

**FOR: EST. OF CLEO M. SMITH**
**Century Acre Farm**
**County Line Road**
**Line Lexington, PA**

## THURSDAY, MAY 31

9:00 A.M.

Will sell Farm Machinery at 10 a.m. w/2 Auctioneers selling.

NOTE — This auction will be a bit different. Furniture for every room of the house in various conditions. Many collectors' items & unusual things that will not appear in the following ad.

FARM MACHINERY will include 3 Tractors — 240 Farmall, 800 Ford, 8-N Ford, attachments for each tractor, Rotary Mower, Grain Drill, New Holland Baler, Scrap Metal & Junk Cars. ANTIQUES, COLLECTIBLES & OTHER FURNISHINGS — Player Grand Piano, nice quantity of Oak Furniture, Oil Painting, 5 Marble Busts. Don't Miss It!

TERMS - CASH Request Handbill. LUNCH

**SANFORD A. ALDERFER, INC.**
**Real Estate Brokers And Auctioneers**
**Harleysville, Pa. - 723-1171**

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# GELDINGS

**TO BE AT BELLEVILLE LIVESTOCK MARKET**

## WED., MAY 30

**6 or 8 2 yr. old Belgian geldings, green broke.**

**John J. Dilling**

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ON THE FARM

## MONTHLY BRED GILT SALE

## FRIDAY, JUNE 15

**Sale to start promptly at 1:00 EDST every 4 weeks**

**Located 18 mi. South of Lancaster, Pa., 6 mi. South of Quarryville, take 272 to Little Britain, turn North, follow Little Britain Rd. to Jackson Rd., turn East, second farm, or take 222 out of Quarryville to Ceder Hill Rd. to Little Britain Rd. to Jackson Rd. Watch for sale arrows.**

### 50 HEAD 50

**(More or Less)**
**2 x 3 way cross bred gilts,**
**York & Hampshire & Duroc**

This sale consisting of 25-3 way cross bred gilts (parent stock, Wayne Better Bilt Gilts that came in out of the West) York & Hampshire & Duroc cross. These gilts are sired by purebred duroc, bred to purebred York. Looking for Better Stock? Need replacements & adding on or just starting in? Here is an opportunity to buy Better Bilt Gilts (acclimated) due to farrow from 3 days to 4 weeks after sale date. These gilts have size & quality to suit most any buyer. If you are in need of bred gilts plan to attend this sale. They'll be ready, some will be close.

Owner,
**CHRIST A. BEILER**
**R.D. 2**
**Quarryville, Pa.**

Same time & place, 25 head (more or less) 2 & 3 way cross. Direct offspring from gilts purchased from Mark Nestleroth well known hog breeder from Manheim & a few from Willow Glen. These gilts are sired by purebred duroc also from Nestleroth stock and bred to purebred Hampshire from Franklin Feeser, Md. Due to farrow from 3 days to 3 or 4 weeks after sale date.

**Everything vaccinated for erysipelas, wormed & sprayed for lice. Local trucker available.**

Owner,
**JOHN B. STOLTZFUS**

**Abe Diffenbach - Auctioneer**
**NEXT SALE DATE - July 13**

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# LARGE TWO - DAY SALE

## OF FARM EQUIPMENT "34th Anniversary Sale"

**At our place of business located six miles south of Chambersburg Pa., one mile east of Marion, ¼ mile east of Marion exit for Rte. 81 on Rte. 914 on**

## MONDAY, MAY 28 AND TUESDAY, MAY 29

SALES AT 9:00 A.M. EACH DAY

### SELLING ON MONDAY, MAY 28 - 100 OR MORE

TRACTORS - TRUCKS - IND. EQUIPT., ETC.

Tractors of all makes inc. John Deere, Fords, Farmalls, Oliver, Massey Ferguson, David Brown, Allis Chalmers, Case and others, some with loaders and equipt., lawn and garden tractors, trucks, trailers, ind. equipt., posts, hardware and small items of all kinds, new blades and rotary mowers, etc.

### SELLING TUESDAY, MAY 29

Balers, Haybines, Harvesters, Choppers-various make and model; rakes, mowers, conditioners, planters, drills, self-propelled and pull type combines, pickers, plows, disc harrows, packers, spreaders, forage and hay wagons, loaders, blades, 3 pt. equipt., cultivators and usual run of equipt., tires and bal. of small items not sold first day.

FARMERS AND DEALERS — Bring in your surplus equipt. for this sale. Next sale Thurs. June 28. Closed Sundays & evenings at 5 p.m. except May 24-25 will be open until 7:30 p.m.

TERMS CASH: LUNCH AT SALE: CLOSED SUNDAYS.

**RALPH W. HORST**
**Sale Manager**
**Phone 717-375-2824**
**Marion, Pa.**

**Rentzel, Anderson, Upperman, Martin, Gossert, Auctioneers**
**Harshman, Eberly, Gossert, Stull, Rentzel, Clerks**

# Public Sales Register

**Closing Date - Monday, 5:00 P.M.**
**of each week's publication**

SAT JUNE 2- 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT. JUNE 2 - 2 P M PA 3RD Performance Tested Ram Sale, As Part of the State Sheep Field Day as The Washington County Fairgrounds, Washington, Pa Sponsored by the PA Department of Agriculture in cooperation with the PA State University, The PA Sheep & Wool Growers Assoc, and The Washington Co Sheep & Wool Growers Assoc

SAT JUNE 2 - 10 00 A M Public Sale of 30 acres, Antiques and Collectibles, Household Items and Tools Along Cherrytown Rd, in Jackson Twp, Northumberland Co, PA Watch for auction signs along Rt 225 midway between Dornsife and Red Cross, 15 miles south of Sunbury. John H Treon Owner, George N Diebert Auctioneer.

SAT. JUNE 2 - Public Sale of Frame Dwelling on 1 acre lot, Antiques, Old Guns, Carpenter and Butcher Tools and Household Goods Located on corner of 47th St and Gibralter Rd, 4 blocks South off Rt 422, at Fesleys Restaurant, approx 2 miles N of Gibralter along Gibralter Rd, Exeter Twp, Berks Co PA Kathryn Smith, Executor for Henry Keller Estate LeRoy S Horst and Paul W Horst Auctioneers

SAT JUNE 2 - 9 00 A M Public Sale of Valuable Real Estate, Antiques and Personal Property, Located at Rd 12, York Co, PA. From Rt 83, Exit 7, Mt Rose Ave, (Rt 124) proceed East approx 8 miles sale located ½ mile east of Golden Spike Restaurant, along East Propect Rd Amy A Leiphart Owner Frederick Toomey Auctioneer

SAT JUNE 2 - 10 00 A M Selling the Personal Property of the late Ellis Bangs, held in Millville, PA, RD 2 Off Rt 42, north of Bloomsburg to Rt 254 East toward Rhorsburg, follow auction signs Helen Ritchie Executrix and Donald E Bangs Executor Auctioneer John Autotore

SAT JUNE 2 - 7 30 P M Public Sale of Feeder Cattle & Holstein Heifers Also Machinery sold on commission Located 7 miles South of Carlisle, Pa on Rt 11 or ¾ miles North of I-81 at Newville Interchange on Rt 11 Then 2 miles East on Stone House Rd Lewis R Fink Auctioneer Robert C Mullendore

SAT JUNE 2 - 11 00 A M Public Sale of Wood Kitchen Cabinets, paneling, etc Held at the Naugle Lumber Yard, Inc, turn off Rt 93 at Heller Funeral Home, Nescopeck, PA Auction Sale signs Sale by Naugle Lumber Yard Inc Nevius Auction Service Dan Nevius Auctioneer

MON EVE JUNE 4 Holstein Fresh & Springing Heifer Sale 3 miles North of Chambersburg, PA Gerald and Mabel Hammond Ralph W Horst, Auctioneer

WED JUNE 6 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

THURS JUNE 7 - Monthly cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SAT JUNE 9 - 10 A M Annual Spring Heifer Sale at New Holland Sales Stables, Inc New Holland, Pa For more information contact Abe Diffenbach or Norm Kolb

SAT JUNE 9 - 10 00 A M Public Sale of Valuable Real Estate, Household Goods, Antiques, Automobiles Located at Pequea Ave, Gap, Lancaster Co, PA Terms by Edgar C Umble Auctioneer Leon Kurtz

SAT JUNE 9 - 2 00 P M Public Sale of 17 acre Farm Located 3 miles Northwest of Manheim, West of Rt 72, midway between Ruhl's U M Church and Rt 72, along the Elizabethtown Rd, Rapho Twp, Lancaster Co, PA Sale by Valeria H Kahley, Naomi Rudyk and Alvin W Kahley Auctioneer Rufus Geib

SAT JUNE 9 - 10 30 A M Public Sale of Farm Equipment, Straw, Household Items Collectibles Located 3 miles NW of Gap, 1½ miles SE of Pillow along the Pillow to Erdman Rd (Watch for Auction signs along Rt 225 at Pillow Gap) Mr & Mrs Robert E Engle Owners George N Deibert Auctioneer

SAT JUNE 9 11 00 A M Auction 66 Acre Chester County, PA Farm Bryson and Ross-Fording Rds West Fallowfield Twp 1½ Miles North of Village of Homeville 6 miles N Oxford Louis Traiman Auction Co Auctioneers

SAT JUNE 9 9 00 A M Public Sale of Lumber, Electric Items, Plumbing, Kitchen Items, etc Sale of Surplus and Used items from the Annual Conference of the Old German Baptist Church to be held on the farm of Paul Hawbaker, 5 miles north of Waynesboro, PA 6 miles south of Chambersburg off Rt 316 on Buttermilk Rd J Robert Myers Auctioneer

THURS JUNE 14 - 6 00 P M Public Sale of Real Estate Held at the rear of 1015 W Main St (Rt 25) Valley View, PA Mr & Mrs Ted Riegel Owners George N Deibert Auctioneer

FRI JUNE 15 - 1 P M On The Farm Monthly Bred Gilt Sale Located 18 mi South of Lancaster, Pa, 6 mi South of Quarryville, take 272 to Little Britain, turn North, follow Little Britain Rd to Jackson Rd, turn East, second farm, or take 222 out of Quarryville to Cedar Hill Rd o Little Britain Rd to Jackson Rd Watch for sale arrows Owners Christ A Beiler & John B Stoltzfus Abe Diffenbach Auctioneer

SAT JUNE 16 4 30 P M Public Sale of 15 Antique Gas Engines, 3 Tractors, Dog Tread, Antique Tools, Car, Tractor, & Gas Engine Literature Located 2 miles north of Hellam in York Co, Pa Take Hellam Exit Rt 30, north of Kreutz Creek Rd, left on Fahringer Dr, then left on Druck Valley Rd Sale by Floyd W Miller Auctioneer Blaine Rentzel

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# PUBLIC SALE

## OF FEEDER CATTLE & HOLSTEIN HEIFERS
## SATURDAY EVENING, JUNE 2, 1979

**7:30 P.M.**

**Located 7 miles South of Carlisle, Pa. on Rt. 11 or ¾ miles North of I-81 at Newville Interchange on Rt. 11, then 2 miles East on Stone House Rd.**

### 100 HEAD OF LIVESTOCK

Consisting of 30 Holstein open heifers approximately 400 to 800 lbs. 6 Red Holstein of which some are bred, balance will be Hereford Black Whiteface Charolais steers & open heifers approximately 300 to 800 lbs. Holstein steers of same size will also sell. These are all home grown cattle of good quality that will do well for the buyers. Heifers are vaccinated & 30 day health charts.

### MACHINERY SOLD ON COMMISSION

One 2 horse trailer, one bale wagon, 3 pt. hitch scraper blade, 2 bottom plow, JD sprayer, NI #7 corn picker, McCurdy bin wagon, 450 NH hay mower, JD 16A flail chopper, Gehl forage wagon, AC 8' disc harrow, 315 IH combine with cab.

**Terms - Cash, Not responsible for accidents.**

**LEWIS R. FINK**

**Auctioneer-Robert C. Mullendore**
**Clerk-C.L. Metz**

**Sale Held Under Cover**
**Lunch Available**

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# PUBLIC SALE

## VALUABLE REAL ESTATE, HOUSEHOLD GOODS, ANTIQUES & AUTOMOBILES
## SATURDAY, JUNE 9

**At 10:00 A.M.**

**Located at Pequea Avenue, Gap, Lancaster County, Pa.**

REAL ESTATE consists of a lot 75' x 200'. Improvements consist of a

### 2½ STORY FRAME DWELLING HOUSE

Covered with aluminum siding. First floor has kitchen, dining room, living room, ½ bath, utility room, and sun porch. Second floor has 4 bedrooms and full bath. Hot water heat, well and cistern water. A cement block 2-car garage and shop. Macadam driveway.

### 1963 CHEVY BEL AIR 4-DOOR SEDAN, 1964 CHEVY PICK-UP TRUCK

Antique wall clock; 8-day shelf clock; oak extension table with boards; 4-piece waterfall bedroom suite; 4-piece bedroom suite; 3-piece bedroom suite; 4-piece dining room suite with chairs; highback slant-top desk; child's slant-top desk; wooden flour bin; wooden high chair; iron baby crib; oak highboy dresser with mirror; oak bureau with mirror; 6 arrowback chairs; plank seat chairs; White sewing machine with cabinet; gossip bench; bookcase; magazine rack; wicker rocking chair; end tables; flower stands; pedestals; child's rocking chairs; old cupboard with glass sides; 3 rugs - 13' x 12', 13½' x 9½', 15½' x 12'.

Maytag washer and dryer; Gibson electric stove; Frigidaire Frostproof refrigerator-freezer, radio and record player with cabinet and records; wicker hamper; porch chairs; electric heater; Hoover carpet sweeper; window fan; portable fan; wooden marble roller; pictures and frames; Thomas Bavaria china; cut glass fruit dish; Royal Edgewood china; Royal Vitreous china; Wm. Rodgers service for 12 flatware with chest; Corning ware; Revere cookware; Guardian Service cookware; iron pot; crocks; lantern; floor lamps; table lamps; linens; pots and pans; miscellaneous glassware; forks, rakes, shovels and other garden tools; solid state self-propelled Lawn Boy mower; 4' step ladder; oil heater; and many other items.

**Real Estate at 1:00 P.M.**

**Terms of Real Estate – 10% down day of sale. Settlement on or before 60 days.**

Terms by
**EDGAR C. UMBLE**

Attorney: Ralph Eby
Auctioneer: Leon Kurtz -- 593-5387

**Inspection of property Friday, May 25, 6:00 p.m. to 8:30 p.m., Saturday, June 2, 12:30 p.m. to 3:00 p.m. or by appointment, call 593-6261 or 593-6263.**

**Food Stand by West Fallowfield Christian Day School.**

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# PUBLIC SALE

## SATURDAY, JUNE 9

**9 o'clock**

**Surplus and used items from the Annual Conference of The Old Order German Baptist Church to be held on the farm of Paul Hawbaker, 5 miles north of Waynesboro, 6 miles south of Chambersburg off Route 316 on the Buttermilk Road.**

### LUMBER

517 pcs. 2x4, 10, 12, 14, 16, 18, 20 ft. lengths; 10 pcs. 2x10 6 ft. length; 98 pcs. 1x12, 8, 12, 14, 16 ft. lengths; 135 pcs. 2x8 10 ft. length; 26 pcs. 2x6 10, 14, 16, 18, 20 ft. lengths; 12 pcs. 1x8 16 ft. length; 168 pcs. 4x8½ plywood; 146 pcs. 2x8½ plywood; 26 round posts 10 ft; 130 pcs. 1x3 8, 16 ft. lengths; 60 stakes 2x2x72 inches; 450 stakes 2x2x36 inches; 2300 stakes 2x2x24 inches. Miscellaneous items of lumber; 12 wooden canes.

### ELECTRIC ITEMS

4 Dawn to Dusk lights; Porcelain lamp holders; Miscellaneous wiring and parts; 1 G.E. Automatic washer.

### PLUMBING

280 ft. 4" A.B.S. pipe; 4" A.B.S. fittings; 6 stainless steel sinks; 5 - 82 gal. water heaters; 2 - 30 gal. pressure tanks; 2 - ¾ H.P. Gould Jet Pumps; 350 ft. 1½" flexible plastic pipe; 200 ft. 1¼" flexible plastic pipe; 100 ft. 1" flexible plastic pipe; 150 ft. ¾" flexible plastic pipe; 250 ft. ½" flexible plastic pipe. Fittings for above. Galvanized pipe fittings. 4 - 60 ft. rolls ½" soft copper pipe.

### KITCHEN ITEMS

13 pairs forks; 14 can openers; 60 spatulas; 78 plastic buckets; 92 dippers; 60 plastic dish pans; 2 canner kettles; 134 plastic basins; 35 doz. wide mouth jars, ½ gal. and quart sizes; 545 foam mattresses 54" x 72" x 3"; 600 double fitted sheets; 625 double flat sheets; 420 pair pillow cases; 900 pillows; 600 bath towels; 87 doz. wash cloths 14" x 15"; 500 dish towels 15" x 25"; 21 doz. dish cloths 13" x 15".

**At the same time and place will sell for the New Guilford Brethren in Christ Church the following:**

2 - 80 gal. Electric water heaters (new); 2 - 25 cu. ft. Hot Point Freezers (new); 1 - 21 cu. ft Frigidaire Refrigerator (used).

Order of Sale Lumber at 9 o'clock, followed by other items.

Inspection. Day of sale.

Auctioneer: J. Robert Meyers
St. Thomas, Pa.

**For information call Paul Hawbaker, Route 2, Box 260, Waynesboro, Pa. 17268**
**Phone: 1-717-762-2082.**
**717-762-6592.**
**717-263-2393**

**COMMITTEE OF ARRANGEMENTS**

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# PUBLIC SALE

## OF VALUABLE REAL ESTATE AND PERSONAL PROPERTY
## SATURDAY, JUNE 2

**Located 3 miles west of Honey Brook, 5 miles north of White Horse, 1½ miles South of Churchtown, 4 miles east of Blue Ball, along Rt. 322, Caernarvon Twp., Lanc. Co., PA.**

### REAL ESTATE

Ten acres, more or less, almost all tillable.

Mobile home 12' x 60' with enclosed porch. Bottled gas stove. Heating system. Air conditioner.

Two car block garage. Barn 20' x 20' with corn crib. Small chicken house. For inspection of property call 354-5677.

### PERSONAL PROPERTY

Gibson refrigerator, good condition; two formica top tables and chairs; Maple double and single beds, complete; Maple coffee and end tables; Maple chair; sofa; stands; lamps.

Two large wooden clothes closets; Empire bureau; Claw foot piano stool; Old fashioned platform rocker; Maytag wringer washer; medicine closet; old pictures and frames.

Ice cream freezer; metal and wood tub; oil lamp and lanterns; ironing board; coal and oil heaters; three clocks; cloth hamper; brass spittoon; glassware; china; dishes; platters; pots and pans; butcher knives; sewing basket.

12 Gauge single barrel shot gun; Japanese rifle; knife in wooden sheath; bayonet; three pocket watches.

FARMALL "B" TRACTOR with P.T.O., pulley and cultivators; Case #155 10 h.p. Hydra-Static lawn tractor with rotary mower, snow blade and chains; Lawn roller.

Two wheel farm trailer with bed; wheelbarrow; two bag wagons; three water hydrants; step ladder; 275 gallon tank and pump; hayhook; drums; water pump; scrap iron; chicken crate.

Skill saw; ½" and ¼" electric drills; two chain hoists; large vise; pipe vise; pipe threaders; electric cords; two grindstones; track anvil; concrete tools.

Four sledge hammers; digging iron; axes; hatchets; saws; hammers; 500 lb. pea and beam scales; shovels; rakes; drawing knife; C-clamps; bolts; pipe fittings; levels; scythe; grease guns; oil cans; screw drivers; can't hook; log dog; air compressor, needs repair; stoves, lawn mowers; etc.

**Sale at 10:00 A.M.**
**Real Estate 1:00 P.M.**

**ROBERT EVANS, Estate**
**CHARLES A. EVANS**
**AMOS M. EVANS**
**Administrators**

**Thomas Wentz, Atty.**
**Abe Diffenbach**
**Abe Jr. Alan**
**Auctioneers**

**Refreshments by White Horse Fire Co. Aux.**

# Public Sales Register

**Closing Date - Monday, 5:00 P.M. of each week's publication**

SAT JUNE 16 - Public Sale Variety of Mechanics Tools Located along White Oak Rd, approx 1½ mile East of Nolts Ice Plant, 1 mile N of Rt 322, approx 3 mile N.W of Blue Ball in Lanc Co, PA LeRoy S. Horst & Paul W Horst Auctioneers

SAT JUNE 16 - 1.30 P M Bred Gilt Sale located 8 miles North of Myerstown on Rt. 501 and 1 mile South of U S. 22 on 501 at Bethel, Pa Turn West at Bethel School to second farm on left Sale conditions by Henry H. Martin

SAT JUNE 16 - 9 00 A M. Public Sale of Valuable corner property, Antiques, Household Goods, Tools. Located 8 miles south of Lancaster, west off 272, along Pennsy Rd, corner of Pennsy Rd and Frogtown Rd., or 2 miles east of Marticville or 2 miles South of Baumgardner Station Rd, Sale by Samuel Reinhart Estate Lloyd H. Kreider and Randall V Kline and Gary L Shirk Apprentice Auctioneers

SAT JUNE 16 - 11 00 A M Public Auction of 545 acre farm, 400 acres tillable, 2 residences Held 9 miles north of Bethlehem, 15 miles NW of Allentown, Yooer Nazareth & Bushkill Twp., Northampton Co, PA Sale by Louis Trainman Auction Co of PA

MON JUNE 18 - 9 30 A M - Consignment Sale, located at S. Race St., Myerstown, PA 17067 Sale held by Wenger's Farm Machinery, Inc

TUES JUNE 19 - 7 P M Public Sale of 70 Head Bred Heifers following the Pa. Forage & Grassland Councils Forage Day Located in Mifflin Co, about 3 miles Northeast of Belleville, Pa. at Plum Bottom Farm Sale by Plum Bottom Farm Mark Glick, Auctioneer

WED JUNE 20 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

THURS JUNE 21 - 12 P M Public Sale of Fine Dairy Cows, Melvin Kolb, Inc Monthly Holstein Cattle Auction Located at the Maryland Farm ½ mile Northwest of Woodsboro, on Rt 550, Frederick Co Sale Manager Melvin Kolb, Inc Robert Mullendore, Auctioneer

SAT JUNE 23 - 1.00 P.M. PA Chester White Breeders Show & Sale. Located at New Holland Sales Stables, Inc, New Holland, PA 17301 For Catelogs Write Charles E. Griest, RD 1, Abbottstown, PA or Rodger P Bankert, RD 3, Hanover, PA 17331.

SAT JUNE 23 - 10 00 A.M Public Sale of Antiques Household Goods and Doll Collection Located off Rt 272, 4 miles south of the Buck, West on Spring Valley Rd, left on Slate Hill Rd., right on Harmony Ridge Rd, 4th house on left Sale by Charles & Elsie Booth Sr Auctioneers Lloyd H Kreider and Randall V Kline, and Gary L. Shirk Apprentice

SAT JUNE 23 - Public Sale of Farmette Located 45 miles west of Harrisburg, Rt 322, Long Brothers Auctioneers

SAT JUNE 30 - 10 00 A M Public Sale Antiques and Household Goods Located from Wakefield along Rt 272 through Little Britain, to Oak Hill at Junk Yard Turn left on Kingpin Rd, third place on right or 8 miles south of Quarryville, off Rt 222, left on Little Britain Then left on Ashville Rd, right on Kingpin, fifth place on left Sale by Esther M Wagner Lloyd H Kreider and Randal V Kline Auctioneers, Gary Shirk, Apprentice.

## JULY

WED JULY 4 - 9 A.M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co., Pa. Watch for sale signs F. Snyder, R Martin, C Wolgemuth J. Fry and L Horst, Auctioneer

WED JULY 4 - Farmersville Auction Annual Antique Sale In Farmersville, 3 mi. East of Brownstown, Lancaster Co, PA John J Rutt, Auctioneer

THURS JULY 5 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SAT JULY 7 10 00 A M Public Sale of Coin collection, Antiques & Household Goods Located along 372 Midway between Quarryville and the Buck corner of 372 and Church Rd Sale by Minnie Walters Auctioneers Lloyd H Kreider and Randall V Kline and Gary L Shirk Apprentice

TUES JULY 10 - 10 A M Public Sale of 220 Head of Registered & Grade Hosltein Heifers bred for summer freshening, out of herd dispersals, also 2 Purebred Bulls Located on Old Harrisburg Pike, 3 mi West of Lancaster, Pa Terms by David & Edna Stoltzfus Steve Petersheim, Auctioneer

FRI JULY 13 - 7 P M Colonial Invitational Heifer Sale Located & hosted by Myers Charolais Farm, Clear Spring, Md Managed by Buzz Garey, 100 Walnut Ln, Morrisville, Pa 19067

FRI JULY 13 - 1 P M. On The Farm Monthly Bred Gilt Sale Located 18 mi. South of Lancaster, Pa., 6 mi South of Quarryville, take 272 to Little Britain, turn North, follow Little Britain Rd. to Jackson Rd., turn East, second farm, or take 222 out of Quarryville to Cedar Hill Rd., to Little Britain Rd. to Jackson Rd. Watch for sale arrows Owners Christ A Beiler & John B Stoltzfus. Abe Diffenbach Auctioneer

WED. JULY 18 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs. F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer.

THURS JULY 19 - 12 P M Public Sale of Fine Dairy Cows, Melvin Kolb, Inc Monthly Holstein Cattle Auction Located at the Maryland Farm ½ mile Northwest of Woodsboro, on Rt 550, Frederick Co Sale Manager Melvin Kolb, Inc Robert Mullendore, Auctioneer

FRI. & SAT. JULY 20 & 21 - 10 30 A M Public Sale of Antiques, Household Goods and Real Estate Held on the premises located on the north side of Main St, adjacent to Zimmerman's Hardware Store, in the Village of Intercourse, Leacock Twp., Lancaster Co, PA. Terms by New Holland Farmers National Bank and Harry Diller Jr. Carl Diller and Gordon Kling Auctioneers

SAT JULY 28 - 12 Noon Heifer Sale sponsored by Solanco Fair Association, Quarryville, Pa Everett Kreider, Auctioneer

SAT JULY 28 - 1 P M Annual Brown Holstein Bred Heifers Sale, 50 Large Holstein Heifers, 70% Registered Located near Turbotville, Pa off of Rt 54 Auctioneer Carl Diller

## AUGUST

THURS AUG 2 - Monthly Cow Sale at the melvin Kolb, Inc Sales Barn, 2220 dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI AUG 3 - Public Sale of Bred Gilts, Open Gilts and Boars. Held at the Lebaon Fair Grounds, Lebanon PA Sale by PA Yorkshire Club Harry Bachman Auctioneer

SAT AUG 11 - 1 00 P M Public Sale of Market Hogs, Beef and Lambs. Sale held at the Lebanon Fair Grounds, Lebanon, PA. Sale by the Lebanon Co 4-H Livestock Club. Harry Bachman Auctioneer

THURS AUG 16 - 12 P M. Public Sale of Fine Dairy Cows, Melvin Kolb, Inc Monthly Holstein Cattle Auction Located at the Maryland Farm ½ mile Northwest of Woodsboro, on Rt. 550, Frederick Co. Sale Manager Melvin Kolb, Inc. Robert Mullendore, Auctioneer.

MON AUG 20 - 9.30 A.M Consignment Sale Located at S Race St, Myerstown, Pa 17067. Sale held by Wengers Farm Machinery, Inc

THURS. AUG. 23 - 11 00 A.M. Special Registered Herd Dispersal of 92 top Registered and Grade Holsteins. Held at Shady Lane Dairy Sales, Quarryville, PA 717-786-1725. Sale by David W & Phoebe R. Bitler

## SEPTEMBER

FRI SEPT. 7 - 6:00 P M. Public Sale of Bred Gilts, Open Gilts and Boars Sale held at the Lebanon Fair Grounds, Lebanon, PA Sale by Leon, Lawrence and Thomas Arnold Harry Bachman Auctioneer

## OCTOBER

SAT OCT. 15 - 9:30 A.M. Consignment Sale. Located at S. Race St., Myerstown, PA. 17067. Sale held by Wenger's Farm Machinery, Inc.

# NOTICE

**To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.**

# PUBLIC AUCTION

## FARM & ORCHARD EQUIPMENT, TRUCK, ATV

## TUESDAY, MAY 29

**10 A.M.**

**About 4 miles north of Krumsville & Rt. 22, along Rt. 737 in the village of Stony Run, Berks Co., PA.**

TD—6 Int. Crawler tractor; Farmall H tractor w/cult.; JD 3 btm. plow; 2 btm. trailer plow; 7' offset disc; MC tractor harrow; MC 2 row corn planter; MC 13 single disc drill; single row potato digger; N. Idea #7 corn husker; pull type weed sprayer; pt. type weed sprayer; 300 gal. orchard type speed sprayer; David Bradley corn sheller; 8' lime drill; (2) 18' tandem axle trailers; saw bucks; MC baler motor; PTO driven orchard duster; (2) 1000 gal. water tanks; cement mixer w/elec. motor; sm. port. wdn corn crib; roll over ground scoop; peach grader; basket turner & tubs; (3) 10' roller conveyors; Homelite chain saw; Ariens self propelled snow blower(new); 150 amp elec. welder; trailer size oil burner; ¾ & bu. size apple boxes & crates; baskets; 2" centifugal water pump w/engine; scalding trough & hog carrier; butcher bench; Toledo computor scale; refrigeration compressor unit; Dunlap bench type drill press; Craftsman 6" jointer planer; Craftsman 30" wood lathe; Craftsman 12" band wood cutting saw; carpenter tools; paint spraying tank & gun; WW lawn mulcher; plus other items not mentioned.

TRUCK: 1961 GMC w/midwest stake body, 10,000 lb. GVW, 36,000 miles (nice).

ATV: Argo 6 wheel All Terrain Vehicle w/elec. start, winch, roll guard.

**TERMS: Cash or check, sale day.**

***Refreshments served.***

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Here's a butter you can chill, roll into a log and chill again until firm. In a small bowl cream together one stick (one-half cup) butter, softened, two tablespoons each of lemon juice and Dijon-style mustard, and salt and pepper to taste Let the butter stand, covered, for at least one hour Serve the butter with broiled fish.

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**SALE EVERY TUESDAY**
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2 P.M.
Horse Auction
2nd Saturday each month
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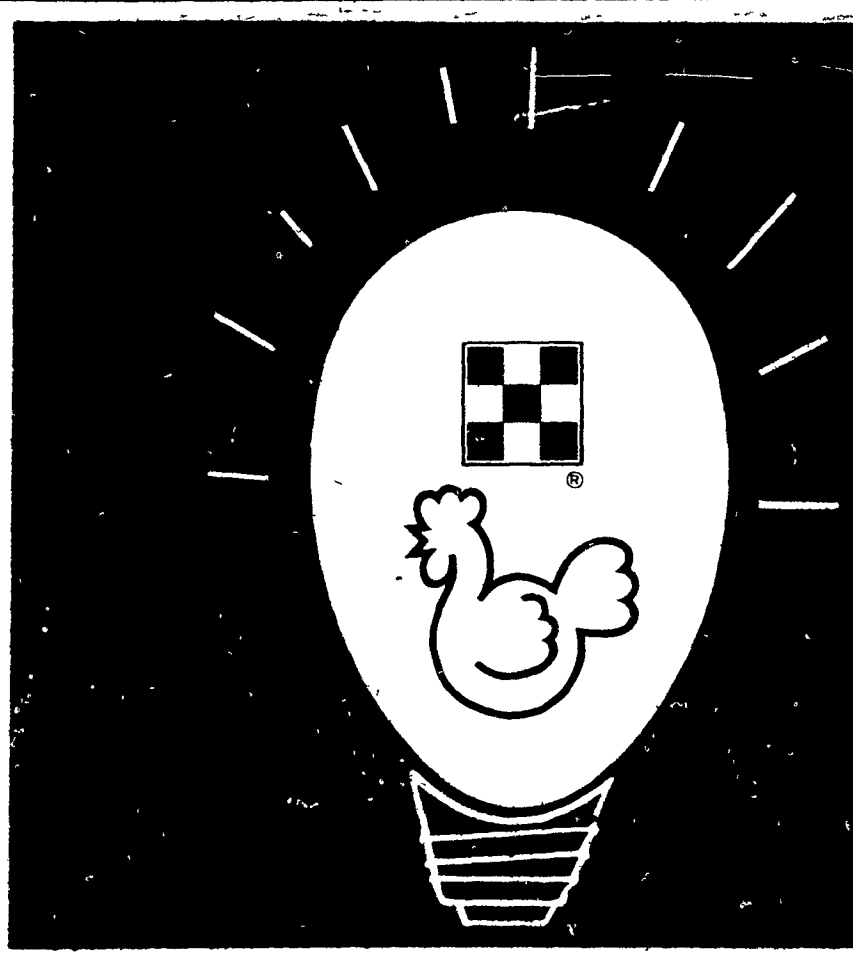

A New Idea From Purina...

# BIO-MITTENT LIGHTING

- Saves Feed
- Saves Electricity

## The Story Behind Bio-Mittent Lighting

The Bio-Mittent Lighting Program is a new concept for lighting pullets and layers. It is the result of four years of testing and modifications by Purina researchers to bring poultrymen a program that will save feed and reduce the use of electricity.

The program is based on early research that showed when lights were programmed to go on and off on a specific schedule the rate of production remained equal to production obtained when light was constant. Purina Research introduced an "industry first" with a detailed program for making full use of this lighting principle.

For maximum benefits, environmentally controlled, blackout or light-tight housing is required. Bio-Mittent Lighting can be used in open sided housing during the part of the day when lights are normally used; however, the advantage is savings in electricity and not feed reduction.

## Bio-Mittent Lighting Offers These Advantages

### 1. Lowers Feed Costs

Tests show a reduction of 0.2 pounds of feed per dozen eggs in layers and 0.5 pound less feed per pullet to 20 weeks of age. This amounts to 5% to 7% increased feed efficiency without any loss of production. (At 6¢ per pound net savings in feed costs can be about 18¢ to 20¢ per layer per cycle).

### 2. Reduces Electric Bill.

Research and field tests show electricity costs can be cut nearly ¼ compared to a constant light program. (At 5¢ to 6¢ per bird, added income could be 25¢ for the life cycle of the pullet and hen.)

### 3. Improves Shell Strength.

The improvement is small but consistently 1 to 1½% thicker or stronger shells are produced than shells with eggs from hens on constant light.

**THE RESEARCH PROVEN BIO-MITTENT LIGHTING PROGRAM IS AVAILABLE ONLY FROM YOUR PURINA DEALER.**
**FOR BEST RESULTS, THE BIO-MITTENT LIGHTING PROGRAM IS RECOMMENDED FOR USE ONLY WITH PURINA BIO-4 POULTRY RATIONS.**

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